

APPLICATION FOR PERMIT TO DRILL OR DEEPEN				
1 a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. ML-48209	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER - COALBED METHANE <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEES OR TRIBE NAME	
2. NAME OF OPERATOR ANADARKO PETROLEUM CORPORATION			7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 17001 Northchase Drive, Houston, Texas 77060 281/875-1101			8. FARM OR LEASE NAME WELL NO. Clawson Spring State C-6	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface At proposed prod. zone			9. API WELL NO.	
1174 1248 1174 1248 1174 1248 1174 1248			10. FIELD AND POOL OR WILDCAT Clawson Spring CBM	
1174 1248 1174 1248 1174 1248 1174 1248			11. SEC. T.R.M. OR BLK. AND SURVEY OR AREA Section 14, T16S R8E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE. 21 miles SW of Price, Ut			12. COUNTY Emery	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			13. STATE Utah	
1326'			16. NO. OF ACRES IN LEASE 2194'	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE. FT.			17. NO. OF ACRES ASSIGNED TO THIS WELL. 160	
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START. April 16 2000	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 8843' GL			22. APPROX. DATE WORK WILL START. April 16 2000	
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8" J-55	24#	300'	200 cu. ft.
7-7/8"	5-1/2" N80	17#	4025	300 cu. ft.

**RECEIVED**  
FEB 11 2000  
DIVISION OF  
OIL, GAS AND MINING

DATE \_\_\_\_\_

02/10/2000

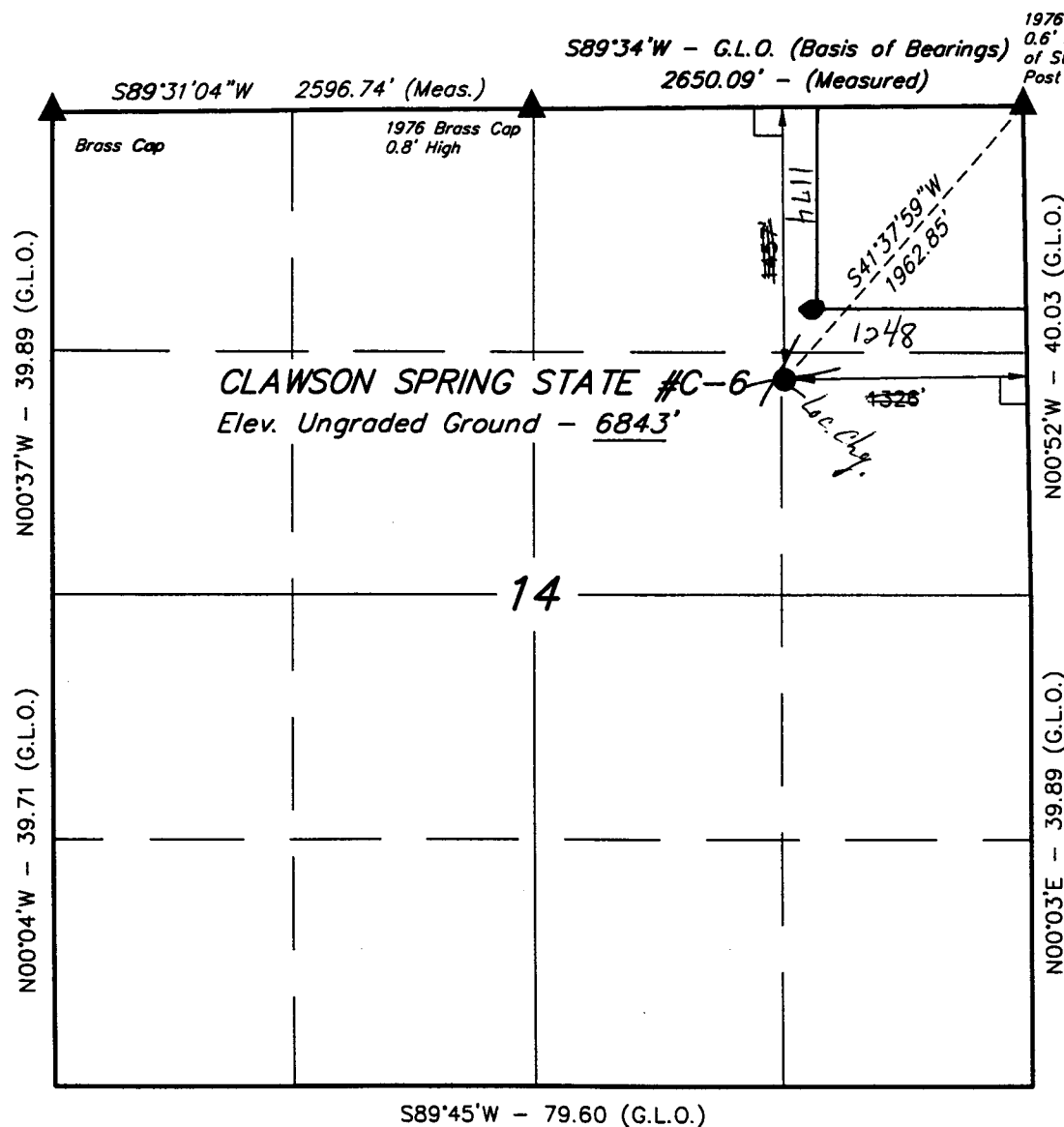
DIVISION OF  
OIL, GAS AND MINING

**BRADLEY G. HILL**  
**RECLAMATION SPECIALIST III**

**T16S, R8E, S.L.B.&M.**

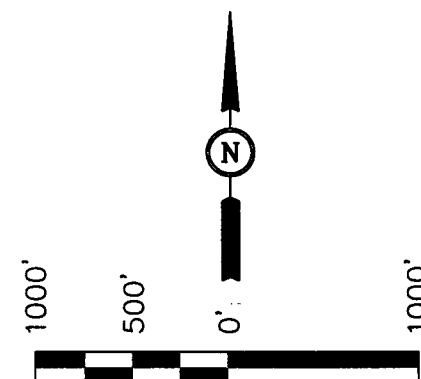
**ANADARKO PETROLEUM CORP.**

Well Location, CLAWSON SPRING STATE #C-6, located as shown in the NE 1/4 of Section 14, T16S, R8E, S.L.B.&M. Emery County, Utah.



**BASIS OF ELEVATION**

SPOT ELEVATION AT A RIDGE TOP LOCATED IN THE SW 1/4 OF SECTION 1, T16S, R8E, S.L.B.&M. TAKEN FROM THE POISON SPRING BENCH QUADRANGLE, UTAH, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6832 FEET.



**SCALE**

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
**85 SOUTH 200 EAST - VERNAL, UTAH 84078**  
**(435) 789-1017**

SCALE 1" = 1000'	DATE SURVEYED: 1-10-00	DATE DRAWN: 1-19-00
PARTY D.K. L.J. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE ANADARKO PETROLEUM CORP.	



August 4, 2000

State of Utah  
Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114-5801

Attention: Lisha Cordova

RE: Application for Permit to Drill

Gentlemen:

Enclosed, in duplicate, is an Application for Permit to Drill (Form 3) for the Clawson Spring State C-6 in Emery County, Utah.

Please call me at (281) 874-8766 if you require further information or have any questions.

Sincerely,

A handwritten signature in cursive script, reading "Judy Davidson".

Judy Davidson  
Regulatory Analyst

JD/me  
enclosures

**RECEIVED**

AUG 07 2000

DIVISION OF  
OIL, GAS AND MINING

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**

APPLICATION FOR PERMIT TO DRILL OR DEEPEN				
<b>1 a. TYPE OF WORK</b> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>				<b>5. LEASE DESIGNATION AND SERIAL NO.</b> ML-48209
<b>b. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> COALBED METHANE <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				<b>6. IF INDIAN, ALLOTTEES OR TRIBE NAME</b> 
<b>2. NAME OF OPERATOR</b> ANADARKO PETROLEUM CORPORATION				<b>7. UNIT AGREEMENT NAME</b> 
<b>3. ADDRESS AND TELEPHONE NO.</b> 17001 Northchase Drive, Houston, Texas 77060 281/875-1101				<b>8. FARM OR LEASE NAME WELL NO.</b> Clawson Spring State C-6
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)</b> At surface 1174 FNL 1248 FEL, NE Section 14, T8E R16S At proposed prod. zone 1174 FNL 1248 FEL, NE Section 14, T8E R16S				<b>9. API WELL NO.</b> 4364922 N 501054 E
<b>14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE.</b> 21 miles SW of Price, Ut				<b>10. FIELD AND POOL OR WILDCAT</b> CBM
<b>15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.</b> (Also to nearest drlg. unit line, if any) 1174				<b>11. SEC. T,R,M, OR BLK. AND SURVEY OR AREA</b> Section 14, T8E R16S
<b>16. NO. OF ACRES IN LEASE</b> 2194		<b>17. NO. OF ACRES ASSIGNED TO THIS WELL.</b> 160		<b>12. COUNTY</b> Emery
<b>18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.</b> 4500		<b>19. PROPOSED DEPTH</b> 2800		<b>13. STATE</b> Utah
<b>20. ROTARY OR CABLE TOOLS</b> Rotary				<b>21. ELEVATIONS (Show whether DF, RT, GR, etc.)</b> 6399'
<b>22. APPROX. DATE WORK WILL START.</b> 08/15/2000				
<b>23. PROPOSED CASING AND CEMENTING PROGRAM</b>				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8 J-55	24	300	200 cu. ft.
7 7/8"	5 1/2" N-80	17	2800	300 cu. Ft.

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Attached is the following:

1. Survey Plat
2. Drilling Plan with BOP Schematic.
3. Topo & Access Map & Area Map.
4. Pit & Pad Layout with cross sections of pit, pad, & rig layout.

Utah Oil & Gas Lease Bond: 224351

Utah Bond of Lessee: 203521

Water Source: City of Price

Surface Owner: Division of State Lands & Forestry  
355 West North Temple, Suite 400  
Salt Lake City, UT 84180

**CONFIDENTIAL**

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OIL, GAS AND MINING

24. SIGNED Judy Davidson TITLE Judy Davidson DATE 08/04/2000  
Regulatory Analyst

(This space State office use.)

PERMIT NO. 43-015-30461

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL IF ANY:

APPROVED BY Bradley G. Hill

TITLE

**BRADLEY G. HILL**  
**RECLAMATION SPECIALIST III**

DATE

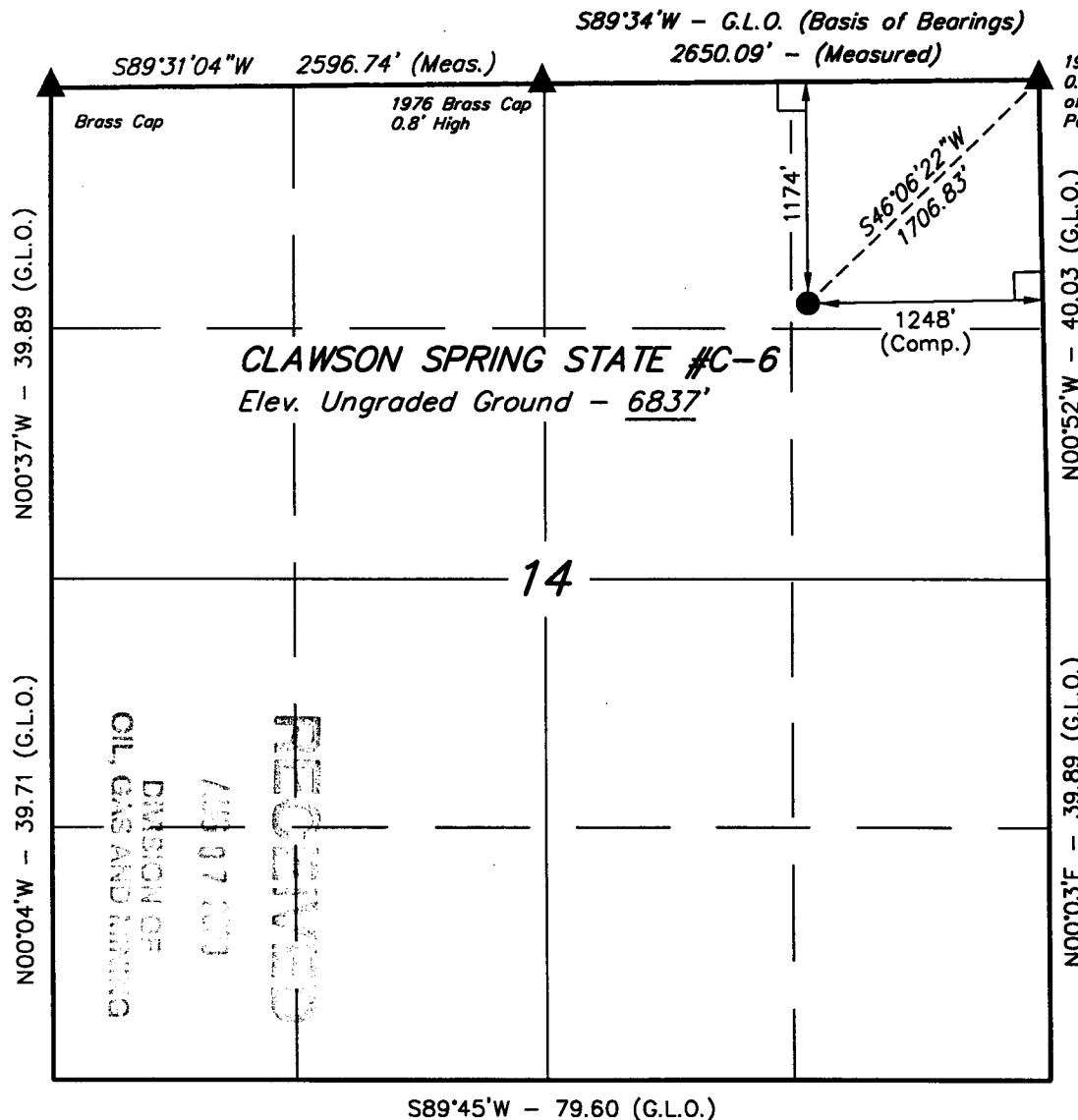
8/10/00

See Instructions On Reverse Side

**T16S, R8E, S.L.B.&M.**

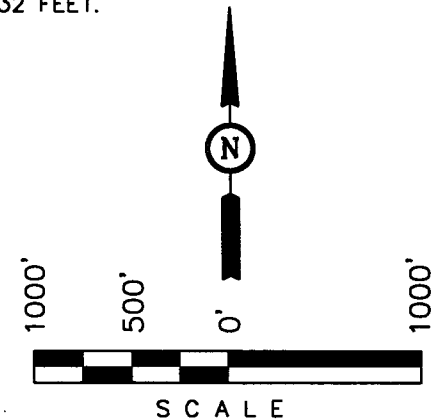
**ANADARKO PETROLEUM CORP.**

Well Location, CLAWSON SPRING STATE #C-6, located as shown in the NE 1/4 NE 1/4 of Section 14, T16S, R8E, S.L.B.&M. Emery County, Utah.



**BASIS OF ELEVATION**

SPOT ELEVATION AT A RIDGE TOP LOCATED IN THE SW 1/4 OF SECTION 1, T16S, R8E, S.L.B.&M. TAKEN FROM THE POISON SPRING BENCH QUADRANGLE, UTAH, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6832 FEET.



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REGISTERED LAND SURVEYOR  
REGISTRATION NO. 16379  
STATE OF UTAH

REVISED: 7-28-00 D.COX

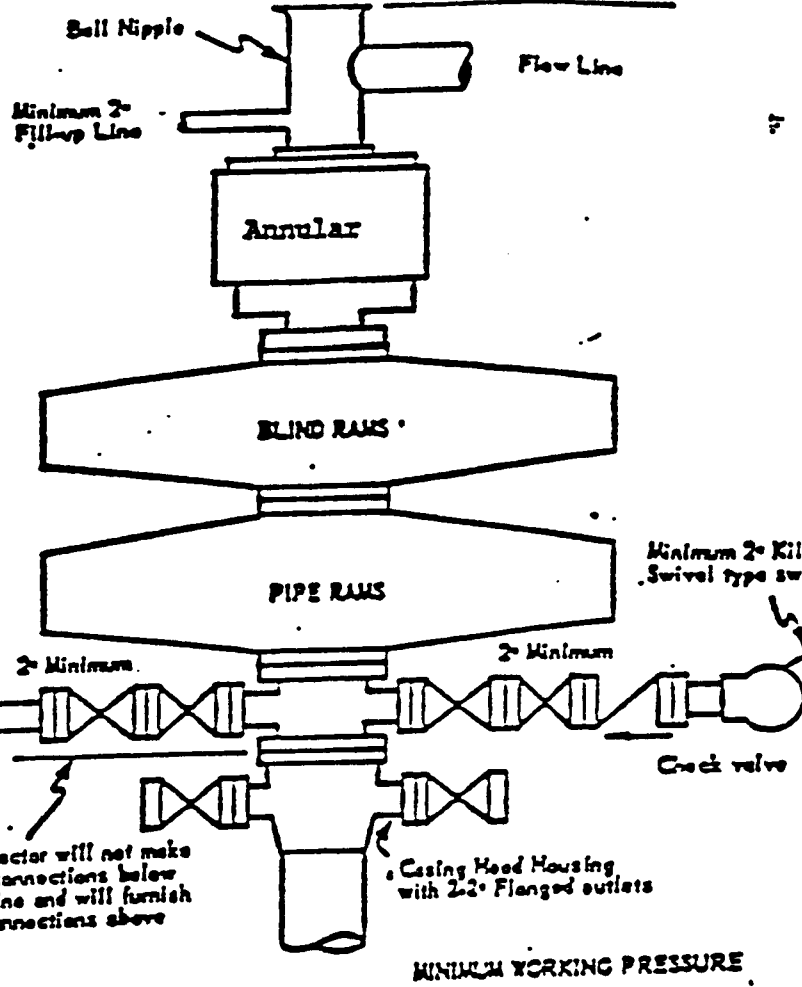
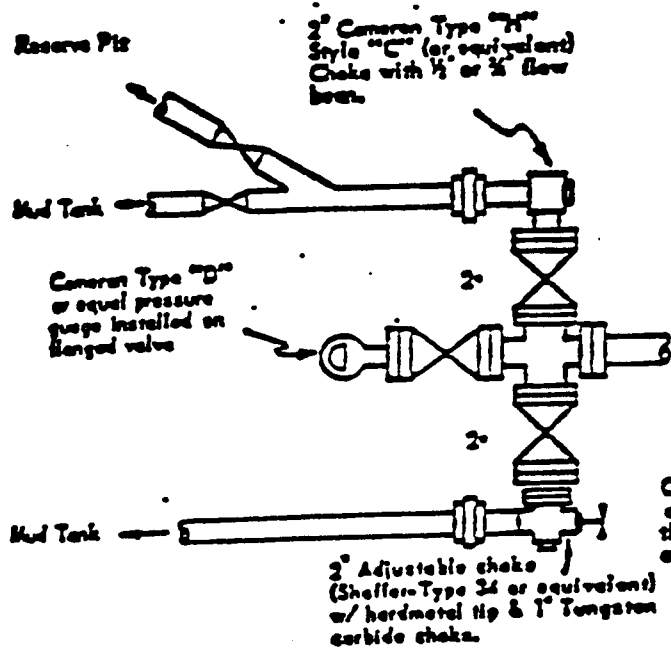
**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

Latitude = 39°26'09"  
Longitude = 110°59'15"

SCALE 1" = 1000'	DATE SURVEYED: 1-10-00	DATE DRAWN: 1-19-00
PARTY D.K. L.J. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE ANADARKO PETROLEUM CORP.	



Contractor will not make any connections below this line and will furnish all connections above



MINIMUM BLOWOUT PREVENTER  
REQUIREMENTS - NORMAL  
PRESSURE SERVICE

**DRILLING PLAN  
TO ACCOMPANY APPLICATION FOR PERMIT TO DRILL**

Company: Anadarko Petroleum Corporation

Well: **Clawson Spring State C-6**

Location: 1174 FNL& 1248 FEL  
T16S R8E Sec.14  
Emery County, Utah

Lease: **ML-48209**

Surface Elevation: 6837

A. Estimated Tops of Important Geologic Markers:

<u>GEOLOGIC MARKER</u>	<u>DEPTH</u>
Emery	Surface
Bluegate Shale	2237
Ferron SS Member	3337
Ferron Coal Top	3362
Base of Ferron Coal	3512
Tununk Shale	3572

B. Estimated Depth at which Water, Oil, Gas or other Mineral-Bearing zones are expected to be encountered:

Gas-bearing Ferron Sandstone Member is expected to be encountered from: 3337 - 3512.

All fresh water zones and prospectively valuable mineral zones encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

C. Pressure Control Equipment:

A 9" 3000 psi WP double gate hydraulic BOP with pipe rams and blind rams will be installed on the 8-5/8" casinghead. In addition to the BOP stack, a rotating head will be installed on top of the BOP to assist in safe air drilling operations. The BOP stack will be tested prior to drilling below surface casing. The ram preventers will be tested to 70% of the working pressure of the casinghead. The annular will be tested to 50% of its working pressure. Operational checks will be made daily or on trips. A BOP schematic is shown on attached Exhibit "A".

The BOP system will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order. This inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. The accumulator system will meet IADC guidelines concerning pump capacities, storage capacity, and reservoir volume. Closing unit fluid volume will be sufficient to pre-charge the system to operating pressure plus 50% excess. One set of controls will be in the doghouse on the rig floor and one set will be remote on the drilling pad.

D. Casing Program

Surface Casing: 8-5/8", 24#, J55, LTC new casing will be set at approximately 300'.  
Production Casing: 5-1/2" 17#, N80, LTC, new casing will be set at TD if productive.

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1/13/07

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D. Casing Program (continued)

Casing Design Factors

The safety factors on casing strings will equal or exceed the following values:

Collapse	1.0
Joint Strength	1.6
Burst	1.33

E. Cement Program

Surface - Cement will be circulated to the surface. Casing will be cemented with approximately 200 cu. ft. of API Class 'G' cement.

Production - Casing will be cemented with approximately 300 cu. ft. of API Class 'G' cement. The actual cement volume will be based upon hole depth and gauge, and will be determined from logs.

Additional additives will be used to retard the cement, accelerate the cement, control lost circulation, or control fluid loss. All cementing will be done in accordance with API cementing practices.

F. Mud Program and Circulating Medium:

A truck-mounted air drilling rig will be used to drill the surface hole to 300' and to pre-set the surface casing before moving a drilling rig on location to drill the rest of the hole to TD. An air or air/mist system will be used for drilling from below surface pipe at 400' to TD. The mud/fluid system will be monitored visually and with a gas chromatograph detector.

G. Coring, Logging, and Testing Program:

- a. Rotary sidewall coring in the Ferron Sandstone interval may be performed, depending upon shows and hole conditions.
- b. DST's may be run depending upon shows.
- c. The following logging program is planned:
  1. SDL-GR-CAL over prospective intervals..
  2. DIL- SP-GR-CAL over prospective intervals
- d. A mud logging unit with chromatograph will be used from approximately 1000' to TD.
- e. After production casing is installed, a cement bond log will be run to determine the top of cement. Productive zones will then be perforated and swab tested. Water produced during testing will be contained in the temporary reserve pit. All produced oil will be stored and sold. Gas will be flared during testing.

H. Abnormal Conditions and Potential Hazards:

Abnormal conditions such as abnormal temperatures or pressures are not anticipated. Potential hazards such as H2S are also not anticipated.

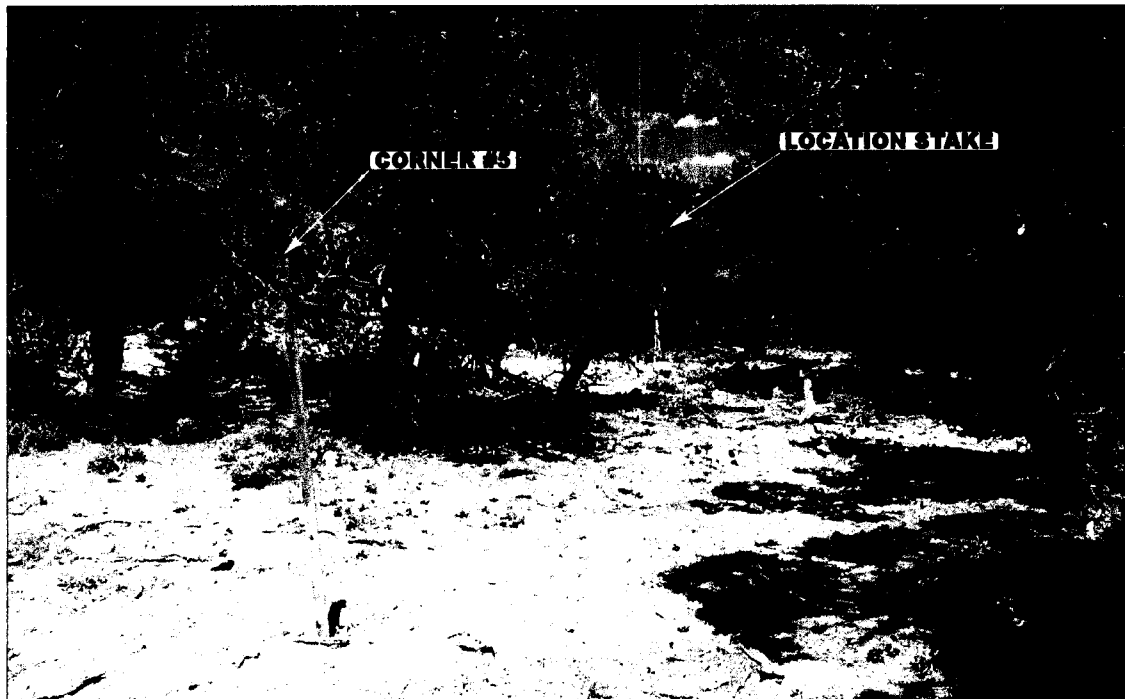
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OIL, GAS AND MINING

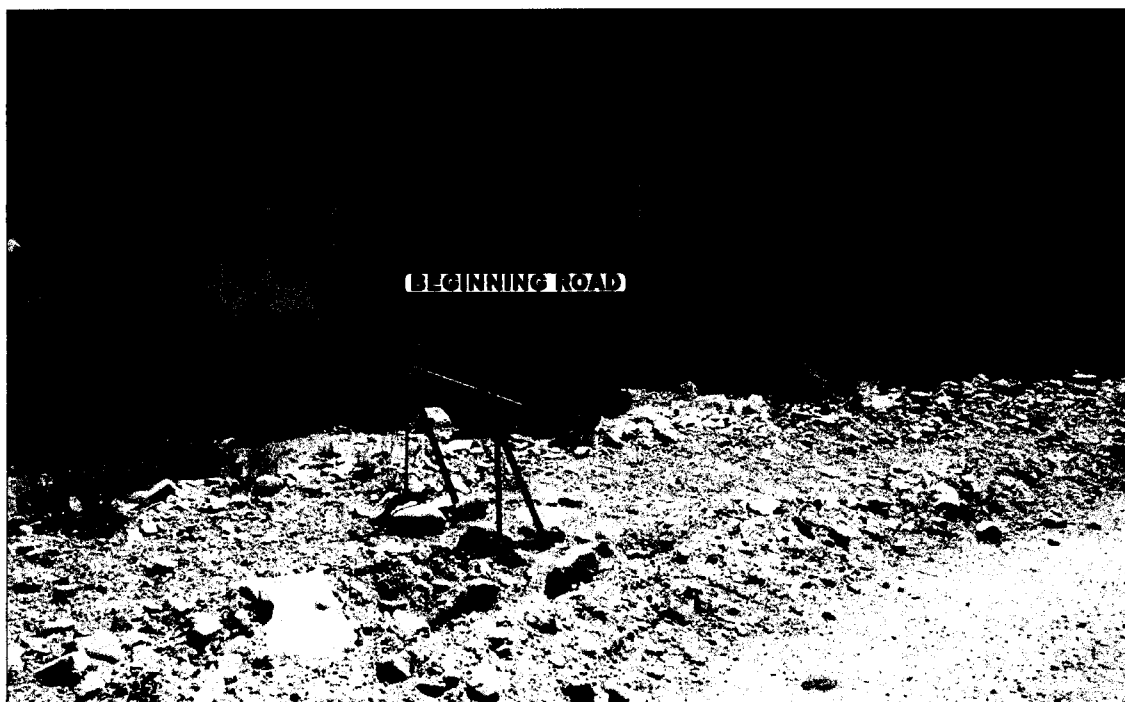


**ANADARKO PETROLEUM CORP.**  
**CLAWSON SPRING STATE #C-6**  
 LOCATED IN EMERY COUNTY, UTAH  
 SECTION 14, T16S, R8E, S.L.B.&M.



**PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE**

**CAMERA ANGLE: NORTHERLY**



**PHOTO: VIEW FROM BEGINNING OF PROPOSED ROAD**

**CAMERA ANGLE: NORTHWESTERLY**



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

**7** **31** **00**  
 MONTH DAY YEAR

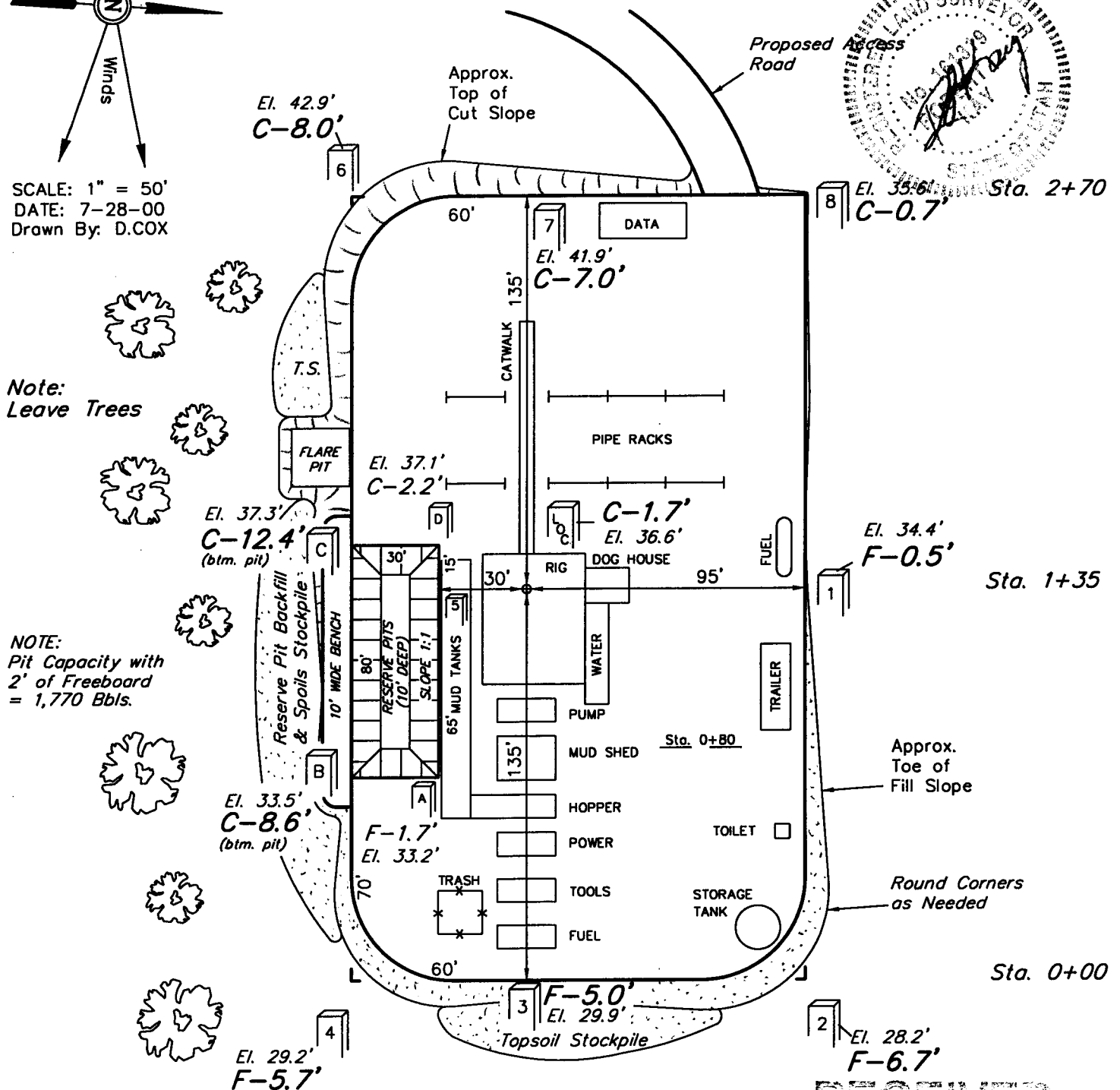
**PHOTO**

TAKEN BY: D.K.

DRAWN BY: J.L.G.

REVISED: 00-00-00

LOCATION LAYOUT FOR



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AUG 07 2001

## DIVISION OF OIL, GAS AND MINING

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

ELEV. UNGRADED GROUND AT LOC. STAKE = 6836.6'  
ELEV. GRADED GROUND AT LOC. STAKE = 6834.9'

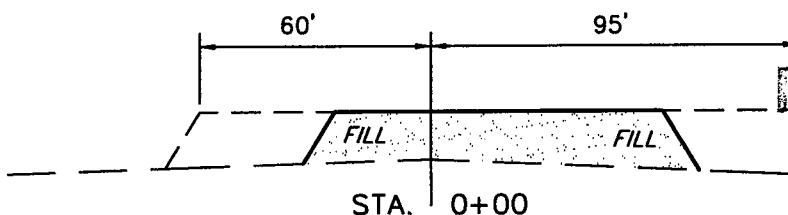
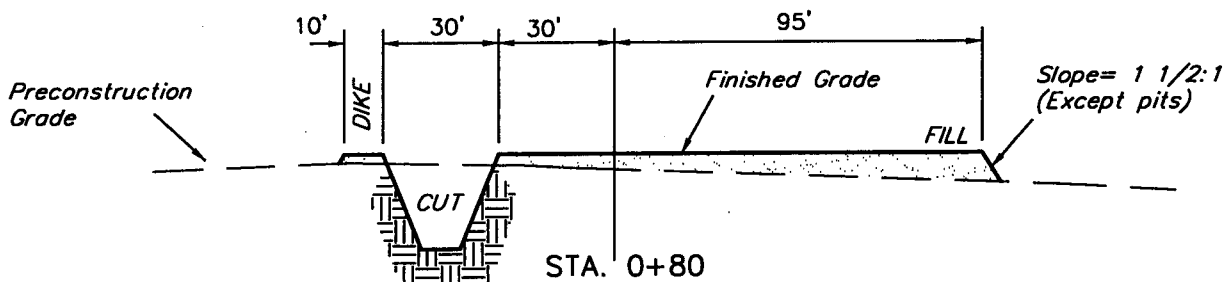
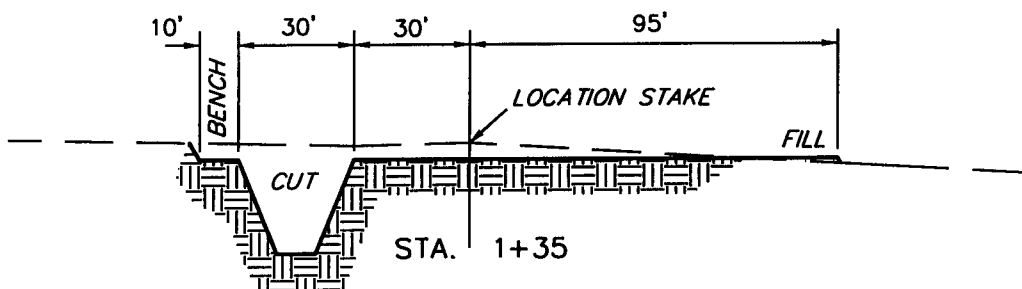
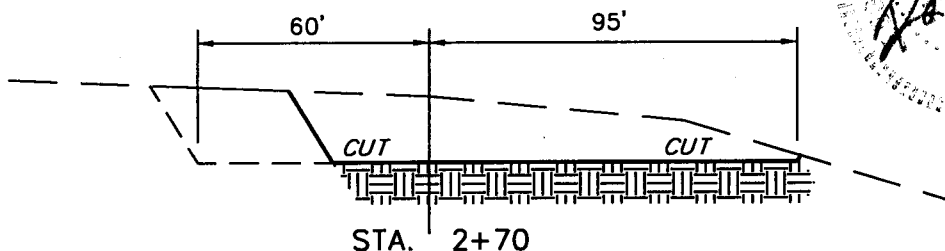
# ANADARKO PETROLEUM CORP.

## TYPICAL CROSS SECTIONS FOR

CLAWSON SPRING STATE #C-6  
SECTION 14, T16S, R8E, S.L.B.&M.  
1174' FNL 1248' FEL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 7-28-00  
Drawn By: D.COX



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AUG 7 2000

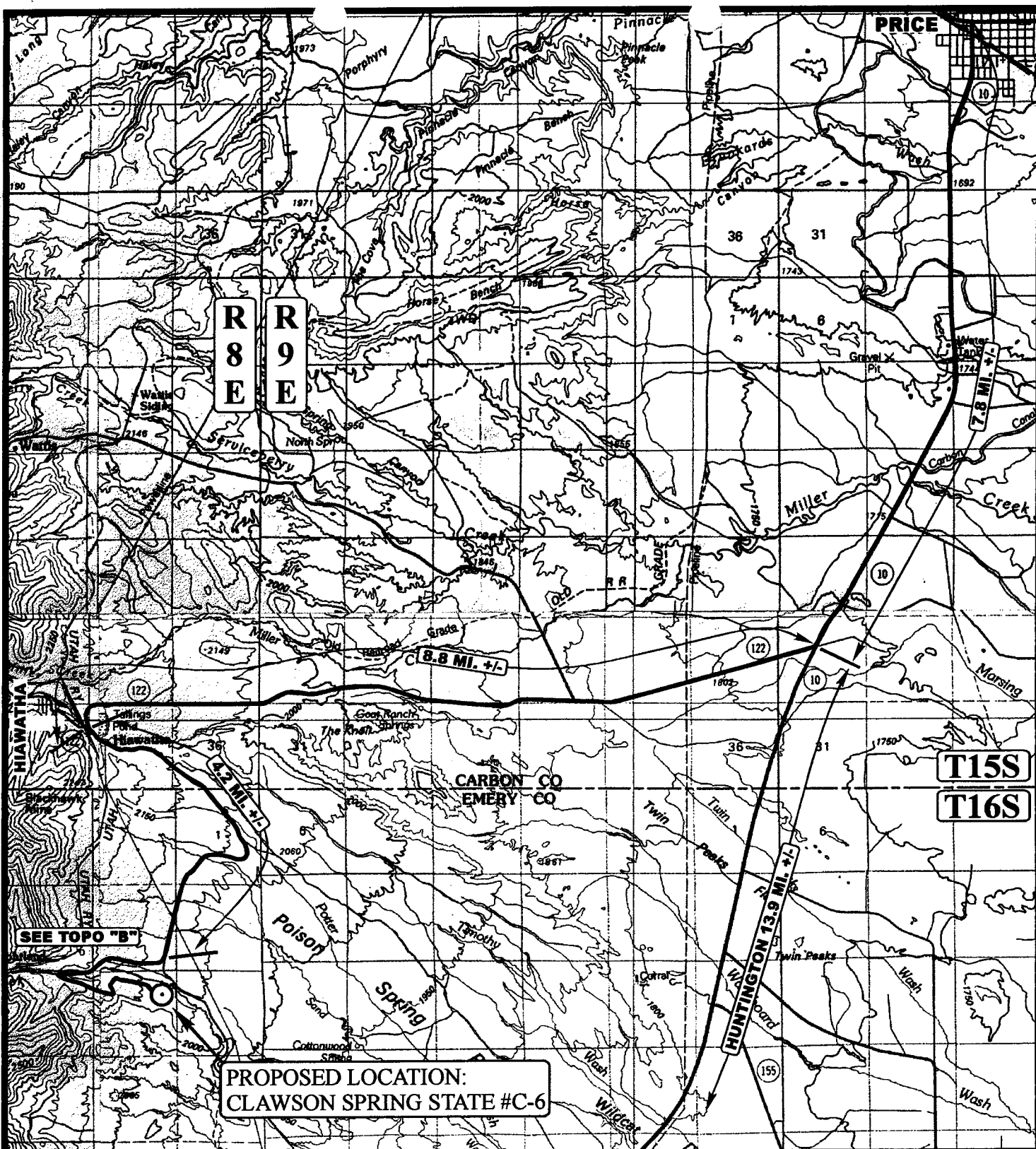
DIVISION OF  
OIL, GAS AND MINING

### APPROXIMATE YARDAGES

CUT  
(6") Topsoil Stripping = 800 Cu. Yds.  
Remaining Location = 2,930 Cu. Yds.  
TOTAL CUT = 3,730 CU.YDS.  
FILL = 2,530 CU.YDS.

EXCESS MATERIAL AFTER  
5% COMPACTION = 1,070 Cu. Yds.  
Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 1,070 Cu. Yds.  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



# **LEGEND:**

○ PROPOSED LOCATION



**ANADARKO PETROLEUM CORP.**

**CLAWSON SPRING STATE #C-6**  
**SECTION 14, T16S, R8E, S.L.B.&M.**  
**1174' FNL 1248' FEL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

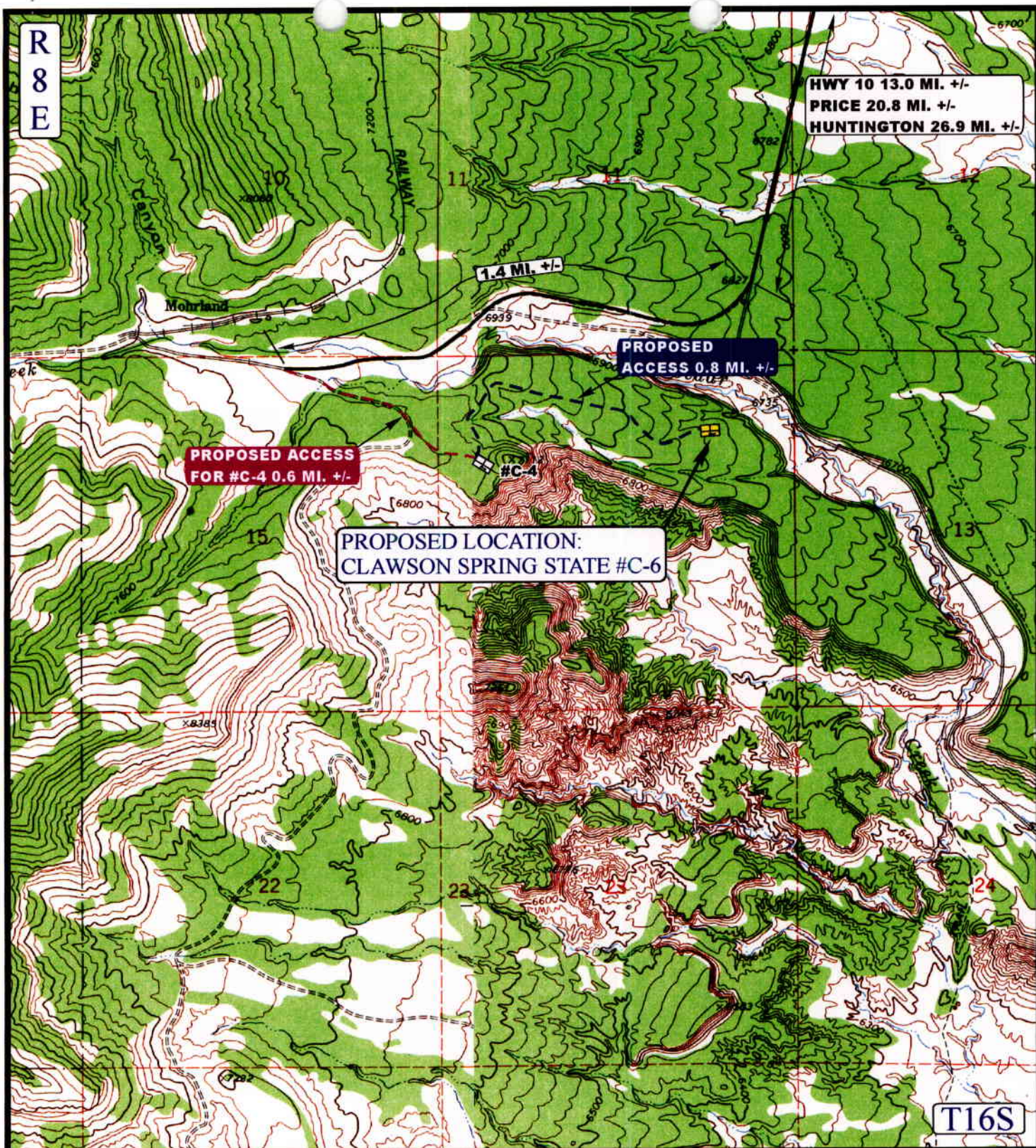
**TOPOGRAPHIC**  
**MAP**

**1 18 00**  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 7-31-00







**LEGEND:**

--- PROPOSED ACCESS ROAD  
 — EXISTING ROAD



**ANADARKO PETROLEUM CORP.**

**CLAWSON SPRING STATE #C-6**  
**SECTION 14, T16S, R8E, S.L.B.&M.**  
**1174' FNL 1248' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**1** **18** **00**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 7-31-00





WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/11/2000

API NO. ASSIGNED: 43-015-30461

WELL NAME: CLAWSON SPRING ST C-6  
OPERATOR: ANADARKO PETROLEUM CORP ( N0035 )  
CONTACT: JUDY DAVIDSON

**AMENDED**

PHONE NUMBER: 281-875-1101

PROPOSED LOCATION:

SE ~~NENE~~ 14 160S 080E  
SURFACE: ~~1174 FNL 1248 FEL 1499 FNL 1262 FEL~~  
BOTTOM: ~~1174 FNL 1248 FEL 1499 FNL 1262 FEL~~  
EMERY  
UNDESIGNATED Drunkards Wash ( ~~2~~ ) (048)

LEASE TYPE: ~~3-State 4-Fee~~ 3-State  
LEASE NUMBER: ~~ML-48209 Fee~~ ML-48209 *fe*  
SURFACE OWNER: ~~3-State 4-Fee~~ 3-State

PROPOSED FORMATION: FRSD

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	RJK	8-9-00
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[] Ind[] Sta[3] Fee[1] (3) State  
(No. ~~203521~~ 224351 ) 203521  
☒ Potash (Y/N)  
☒ Oil Shale (Y/N) \*190 - 5 (B)  
☒ Water Permit  
(No. MUNICIPAL )  
☒ RDCC Review (Y/N)  
(Date: )  
~~N/A~~ Fee Surf Agreement (Y/N) N/A

LOCATION AND SITING:

☐ R649-2-3. Unit  
☐ R649-3-2. General  
Siting:  
☐ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 243-1 (160')  
Eff Date: 10-13-98  
Siting: 1/4" Fr. Dr. Unit Boundary 5' 1320' between wells.  
☐ R649-3-11. Directional Drill

COMMENTS:

Need Presite. (Conducted 7-14-2000) (8-27-01)

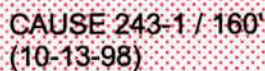
STIPULATIONS:

① STATEMENT OF BASIS



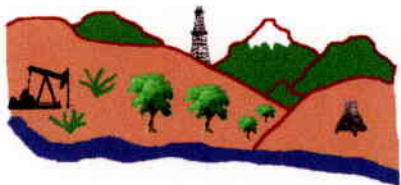


COUNTY: EMERY CAUSE: 243-1 (160')



PREPARED BY: LCORDOVA  
DATE: 4-SEPTEMBER-2001





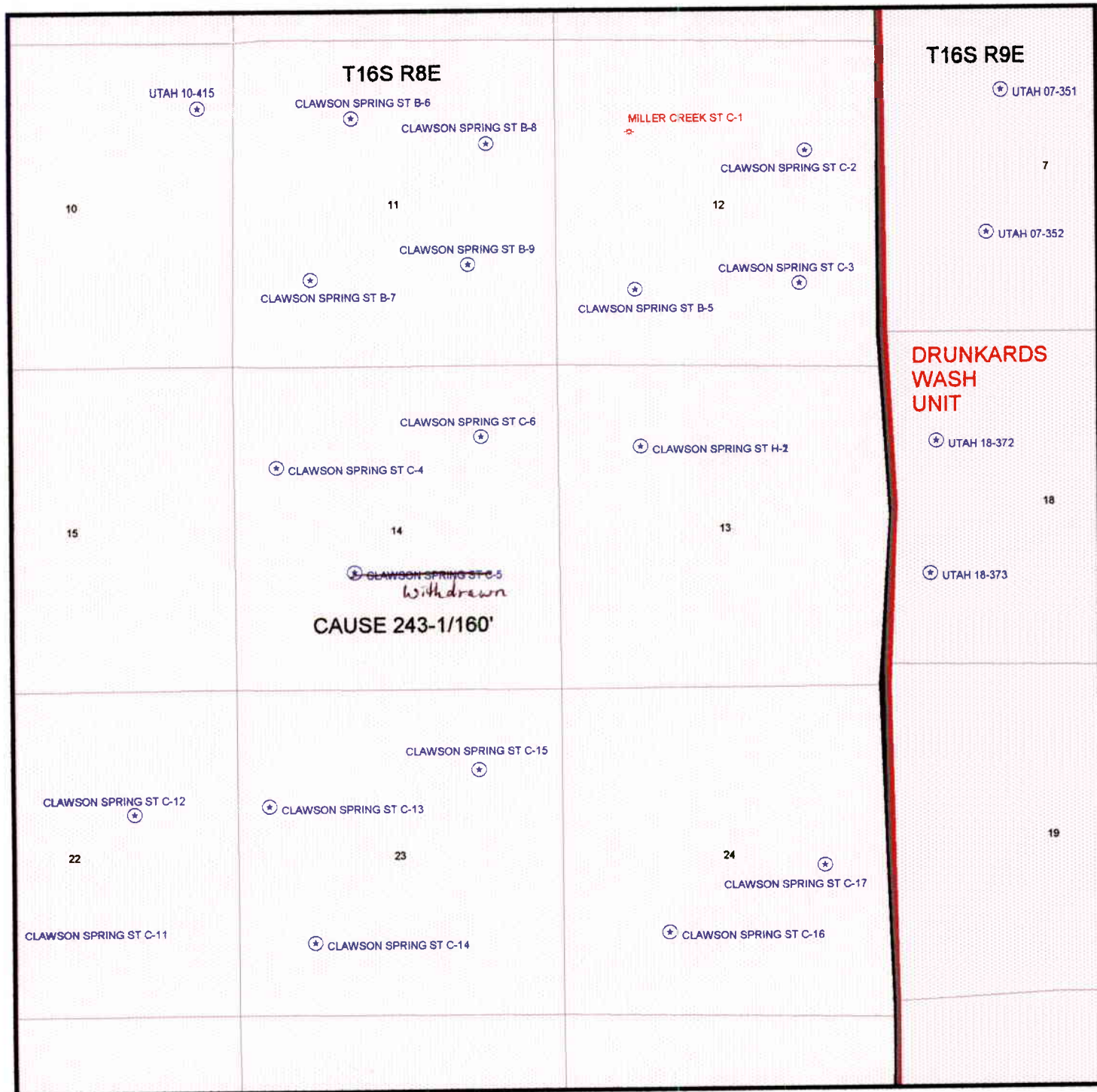
Utah Oil Gas and Mining

OPERATOR: ANADARKO PETRO CORP (N0035)

FIELD: UNDESIGNATED (002)

SEC. 14, T16S, R8E,

COUNTY: EMERY SPACING: CAUSE 243-1/160'



PREPARED BY: LCORDOVA  
DATE: 9-AUGUST-2000

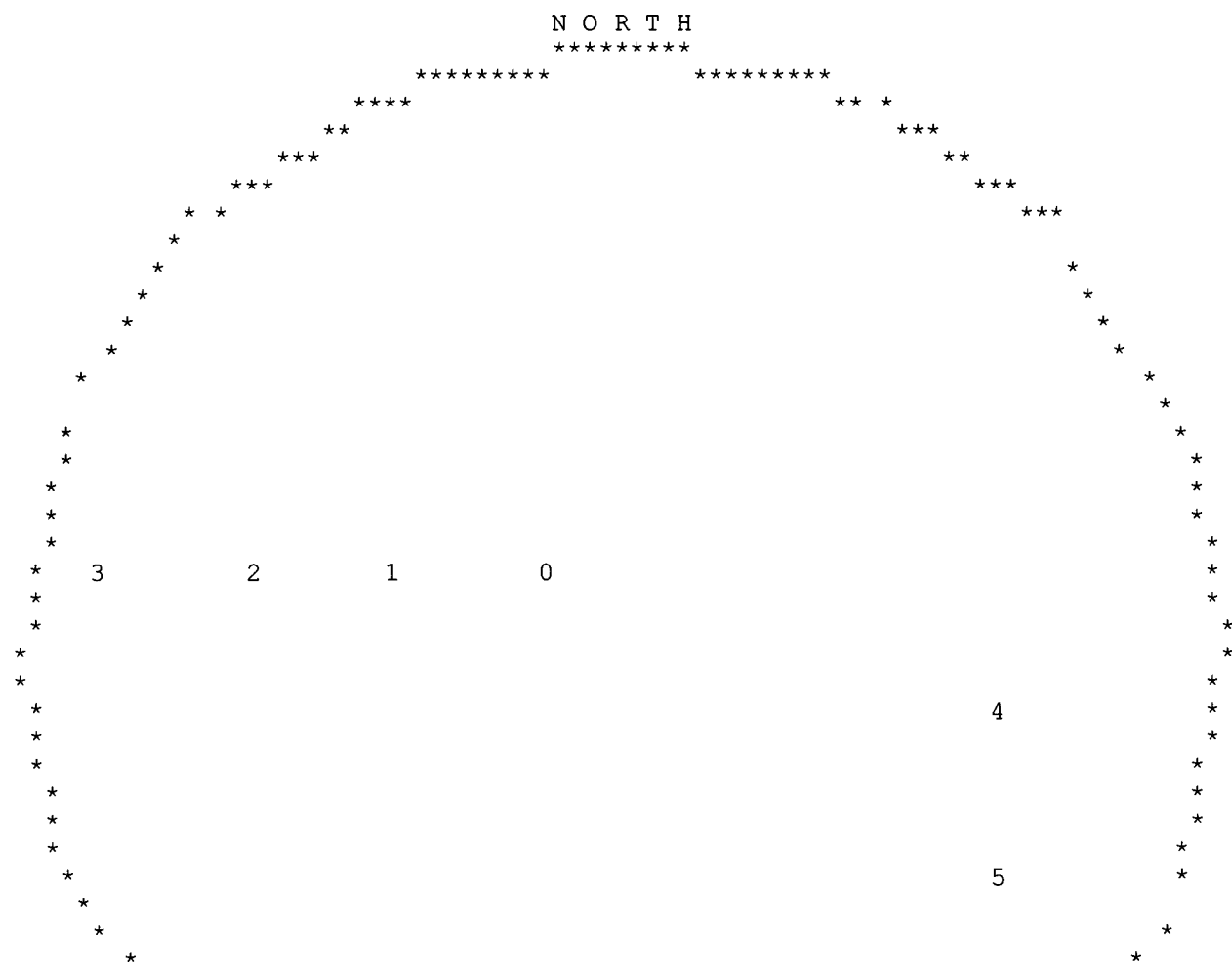
7-17-01 ok!  
fe



UTAH DIVISION OF WATER RIGHTS  
WATER RIGHT POINT OF DIVERSION PLOT CREATED WED, JUL 12, 2000, 8:57 AM  
PLOT SHOWS LOCATION OF 9 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT  
S 1457 FEET, W 1326 FEET OF THE NE CORNER,  
SECTION 14 TOWNSHIP 16S RANGE 8E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 2000 FEET



UTAH DIVISION OF WATER RIGHTS  
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

2000-07-12 8:52 AM

	C.O.P. Coal Development Company	53 West Angelo Ave	Salt Lake City	UT 84
3	<u>93 510</u>	.0110 .00 West Boy Scout Spring		
	WATER USE(S): STOCKWATERING		PRIORITY DATE: 00/00/1902	
	C.O.P. Coal Development Company	53 West Angelo Ave.	Salt Lake City	UT 84
4	<u>93 516</u>	.0000 .00 Cedar Creek		
	WATER USE(S): STOCKWATERING		PRIORITY DATE: 00/00/1902	
	ANR Co Inc	3212 South State Street	Salt Lake City	UT 84
5	<u>93 1128</u>	.0000 .00 Cedar Creek		
	WATER USE(S): STOCKWATERING		PRIORITY DATE: 00/00/1875	
	State of Utah School & Institutional Tru 675 East 500 South, Suite 500		Salt Lake City	UT 84

---

**DIVISION OF OIL, GAS AND MINING**  
**APPLICATION FOR PERMIT TO DRILL**  
**STATEMENT OF BASIS**

**Operator Name:** Anakarko Petroleum Corporation

**Name & Number:** Clawson Spring State C-6

**API Number:** 43-015-30461

**Location:** 1/4, 1/4 SW NE Sec. 14 T. 16 S R. 8 E County: Emery

**Geology/Ground Water:**

There are nine points of diversion within 1 mile of this location. It is found in Cedar Creek and are not for culinary use. It is possible that zones of potable water may be encountered while drilling. The proposed casing and cement program appear to be adequate to isolate any zones of fresh water that may be penetrated. However the proximity of fresh water seeps in Sand Wash a mile to the west of location will require added awareness on the part of the operator in order that they will adequately protect any zones encountered below the surface casing setting depth. This well will penetrate part of the upper, middle and lower Emery Member sands of the Bluegate Shale Member of the Mancos formation. The probability that this formation is an aquifer is relatively high but is not proven for this area. Casing should be set through these sands into the Blue Gate shale.

**Reviewer:** K. Michael Hebertson **Date:** 14/July/2000

**Surface:**

Emery County, SILTA, and DWR personnel were invited to participate in the pre-site, SITLA personnel were not present for this session. Wildlife issues are unknown except for the winter drilling restrictions. There were no raptor conditions or stipulations with this location as there are no active nesting sites in the immediate area. The nearest moving water is in Cedar Creek ~ 1/2 mile north. Precipitation will be diverted around the location into the existing gullies and berms will be established to keep pollutants from entering or leaving the well pad. The location is stable and erosion will little or no impact at this site. The operator is aware of winter drilling restrictions enforced by DWR from December 1<sup>st</sup> to April 15<sup>th</sup> each year and has elected to abide by those restrictions unless an exemption or waiver is granted. Access during the heavy snow times from December to April may hamper ingress and regress to this site because of its location just east of the Burma Road. Snowfall in this area can reach as much as 18-20 inches from one good storm.

**Reviewer:** K. Michael Hebertson **Date:** 14/July/2000

**Conditions of Approval/Application for Permit to Drill:**

1. A pit liner is required.
2. Berms and diversions to protect the location and spoil piles and control erosion and pollution.
3. Dust suppression while air drilling.
4. Surface casing will be set through the Upper, Middle, & Lower Emery Sands into the Blue Gate Shale.
5. The location will be rip-wrapped along the west and northwest where it intersects the gully.
6. Culverts and water turn outs will be used on the approach road as needed to control erosion.

ON-SITE PREDRILL EVALUATION  
Division of Oil, Gas and Mining

OPERATOR: Anadarko Petroleum Corporation

WELL NAME & NUMBER: Clawson Spring State C-6

API NUMBER: 43-015-30461

LEASE: State ML-48209 FIELD/UNIT: Clawson Spring (Proposed)

LOCATION: 1/4, 1/4 SW NE Sec 14 TWP: 16 S RNG: 8 E 1174 FNL 1248 FEL

LEGAL WELL SITING: 660' F SEC. LINE; 660' F 1/4, 1/4 LINE; 1320' F ANOTHER WELL.

GPS COORD (UTM): X = 501,054 E; Y = 4,364,922 N Calculated SURFACE OWNER: State

PARTICIPANTS

Mike Hebertson & Chris Kierst, (DOGM), Jim Hartley (Anadarko), David Kay, Eric Olsen (Utah Engineering), Chris Colt (DWR), Val Payne (Emery County)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Western margin of Colorado Plateau/~2 miles east of the Wasatch Plateau. The location is on the pediment mantle of the upper Blue Gate Member of the Mancos Shale. The well will penetrate the Middle and Lower Emery Sandstone members of the Mancos Shale. The pad is on well forested Pinon Juniper ground which slopes towards Sand Wash about 1 mile to the north and south towards Cedar Creek about 1/2 mile away. It is ~4 miles south of Highway 122 and 1/2 mile south of the Morland Road. Highway 10 is east about 6 miles. The location is 4 miles southeast of the Hiawatha Mine.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife habitat.

PROPOSED SURFACE DISTURBANCE: 320 X 210' pad and outboard soil storage a 30' X 80' X 10' inboard pit and ~3,200' of new approach road to access the location. The proposed access will follow a two track trail on the south side of Cedar Creek on the Burma Road then east along a ridge for about a mile.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: There no other wells within the radius of 1 mile of this location, however there are 6 permits either approved or pending. There are 9 points of diversion or existing water rights within one mile of this location. All of these are located in Cedar Creek to the north of the location about 1/2 mile.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ~6.5 miles east of the pad (Questar pipeline runs north-south). All utilities will follow existing roads or new access roads.

SOURCE OF CONSTRUCTION MATERIAL: gravel location and approach road; soil stored in berm. the location will be made of natural material borrowed from leveling the pad during construction.

ANCILLARY FACILITIES: none

WASTE MANAGEMENT PLAN:

Portable toilets; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. All human waste generated at the site will be kept in proper sanitary facilities and disposed of according to local rules. A waste management program has been filed for the

2000 year drilling season, however it is written to cover production and is not sufficient to cover the drilling phase of operations. Extra precautions will be taken due to the proximity of Washboard Wash.

#### ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Pinon Juniper Sagebrush, grasses, cactus, birds, lizards, coyotes, rodents, raptors, occasional elk and deer, reptiles. All the cover in this area is old growth Pinon Juniper.

SOIL TYPE AND CHARACTERISTICS: Moderately-permeable silty soil on Quaternary/Tertiary Pediment Mantle. The soil is composed of weathered sandstone and shale which derived from members of the Emery sand sequences and Bluegate shale. Member of the Mancos. Good sized pieces of the Emery Sandstone are present at this location and the soils will be more permeable.

SURFACE FORMATION & CHARACTERISTICS: Quaternary soil of weathered sandstone overlying the Upper and Middle Members of the Emery Sand and the Upper Blue Gate Shale Member of the Mancos formation. The Emery Sandstone Beds are present in this area, and form a cliff face in Cedar Creek about a mile to the south of this location.

EROSION/SEDIMENTATION/STABILITY: Stable

PALEONTOLOGICAL POTENTIAL: None observed. No survey is required unless vertebrate bones are seen during inspection.

#### RESERVE PIT

CHARACTERISTICS: Dugout, earthen pit, as above.

LINER REQUIREMENTS (Site Ranking Form attached): Synthetic liner is required.

#### SURFACE RESTORATION/RECLAMATION PLAN

As per State surface agreement.

SURFACE AGREEMENT: Agreement filed with State.

CULTURAL RESOURCES/ARCHAEOLOGY: None observed

#### OTHER OBSERVATIONS/COMMENTS

This location is on a gently sloping mesa top with only minor drainage cutting through the location itself however there is a major gully which exits the location on the northwest over the edge of the plateau and thence to Cedar Creek . The location was moved from the original staked area that had been chained in the 60's, back into the trees and a vegetation buffer will be left along the access road to the location and around the location.

#### ATTACHMENTS:

Photographs taken.

K. Michael Hebertson  
DOGM REPRESENTATIVE

14/July /2000 1 :30 PM  
DATE/TIME

# **Evaluation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>10</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>15</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	15	
	20	<u>0</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

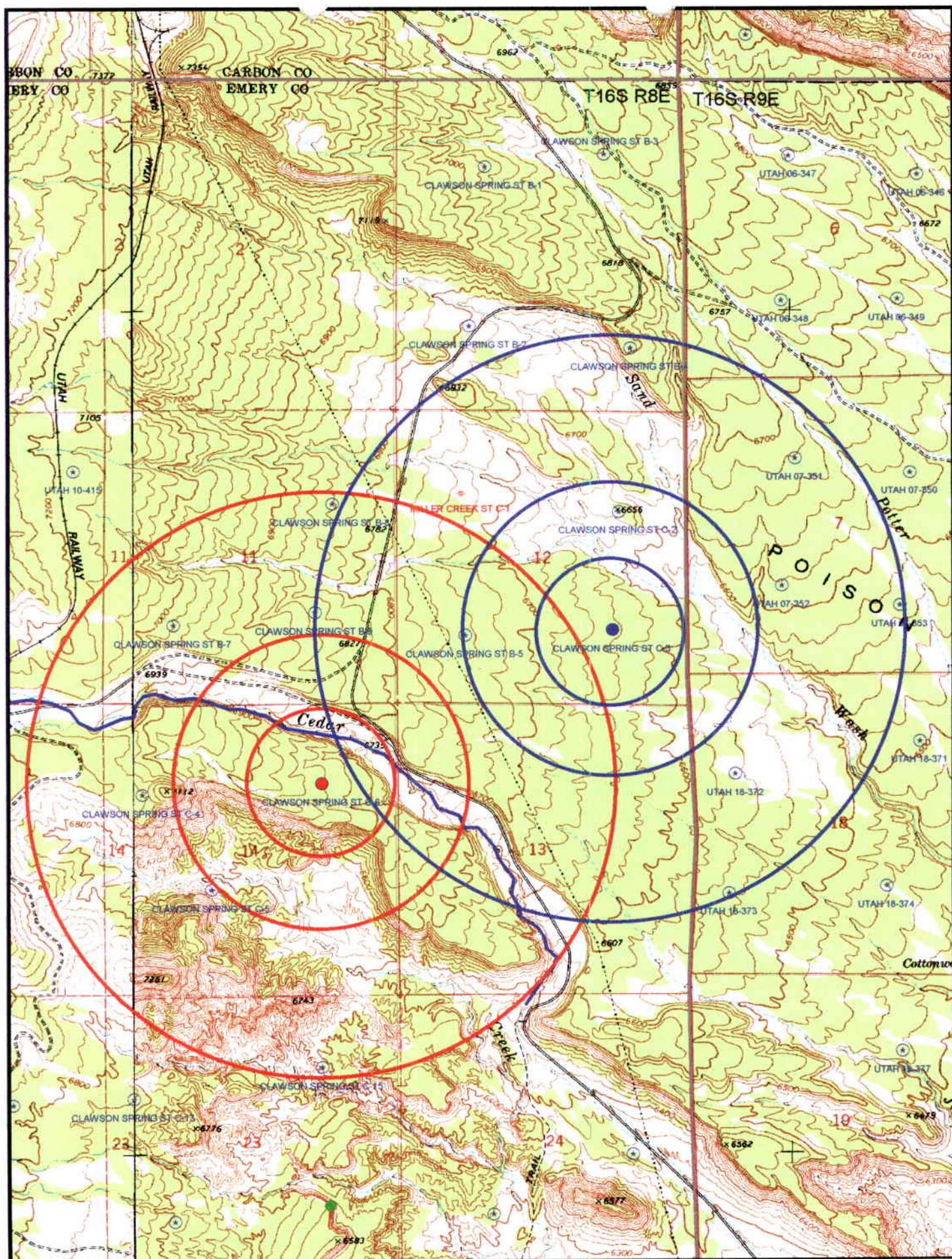
**Final Score**    30    (Level II Sensitivity)





Clawson Springs State C-6, API # 43-015-30461, Sec 14, T16S, R8E, Emery County







Well name:	<b>7-00 Anadarko CS ST C-6</b>	
Operator:	<b>Anadarko</b>	Project ID:
String type:	<b>Surface</b>	<b>43-007-30461</b>
Location:	<b>Carbon County</b>	

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 79 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 300 ft

Cement top: 0 ft

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.433 psi/ft  
Calculated BHP 130 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 262 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 7,500 ft  
Next mud weight: 8.330 ppg  
Next setting BHP: 3,245 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 3,865 ft  
Injection pressure 3,865 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	300	8.625	24.00	J-55	ST&C	300	300	7.972	14.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	130	1370	10.56	130	2950	22.73	6	244	38.74 J

Prepared RJK  
by: Utah Dept. of Natural Resources

Date: July 27,2000  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 300 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>7-00 Anadarko CS ST C-6</b>	
Operator:	<b>Anadarko</b>	Project ID:
String type:	<b>Production</b>	<b>43-007-30461</b>
Location:	<b>Carbon County</b>	

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 131 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 368 ft

Cement top: 2,932 ft

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.433 psi/ft  
Calculated BHP 1,742 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.  
Neutral point: 3,517 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4025	5.5	17.00	N-80	LT&C	4025	4025	4.767	138.7
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1742	6290	3.61	1742	7740	4.44	60	348	5.82 J

Prepared RJK  
by: Utah Dept. of Natural Resources

Date: July 27,2000  
Salt Lake City, Utah

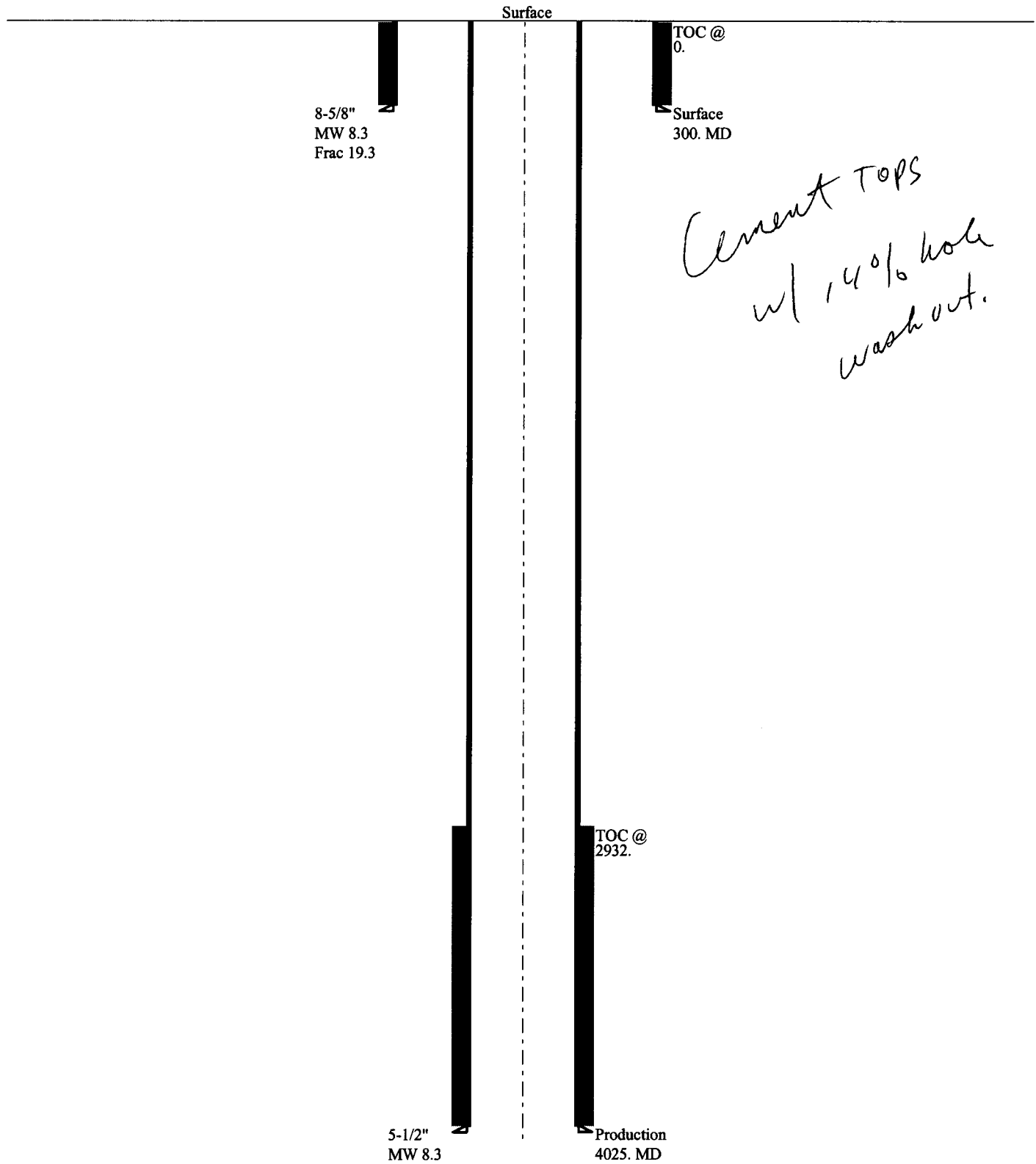
**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 4025 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

# 7-00 Anadarko CS ST C-6

## Casing Schematic





State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

August 10, 2000

Anadarko Petroleum Corporation  
17001 Northchase Dr  
Houston, TX 77060

Re: Clawson Spring State C-6 Well, 1174' FNL, 1248' FEL, NE NE, Sec. 14, T. 16 South,  
R. 8 East, Emery County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30461.

Sincerely,

A handwritten signature in cursive script, reading 'John R. Baza'.

John R. Baza  
Associate Director

er

Enclosures

cc: Emery County Assessor  
SITLA

**Operator:** Anadarko Petroleum Corporation  
**Well Name & Number** Clawson Spring State C-6  
**API Number:** 43-015-30461  
**Lease:** ML-48209

**Location:** NE NE      **Sec.** 14      **T.** 16 South      **R.** 8 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Robert Krueger at (801) 538-5274 (plugging)
- Carol Daniels at (801) 538-5284 (spud)

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.**

**5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)**

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☒ Well File \_\_\_\_\_  
Clawson Spring St. C-6  
(Loc.) Sec 14 Twp 96s Rng. 8E  
(API No.) 43-015-30461

☐ Suspense  
(Return Date) \_\_\_\_\_  
(To-Initials) \_\_\_\_\_

☐ Other  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

1. Date of Phone Call: 10-4-2000 Time: \_\_\_\_\_

2. DOGM Employee (name) P. Cordova ( ☐ Initiated Call)  
Talked to:  
Name Gudy Davidson ( ☒ Initiated Call) - Phone No. (281) 875-1101  
of (Company/Organization) \_\_\_\_\_

3. Topic of Conversation: Info. on orig APD submitted in error.  
Lease & surf. owner is ANR / Fee not state.

4. Highlights of Conversation: \_\_\_\_\_

DOGm approval 8-10-2000 suspended, need lease assign.  
or Desig. of Agent/Opn. from ANR, need new presite &  
surf. agree / affid.

ANR was not invited to presite 7-14-2000

Hold APD, loc. may change.

ANADARKO PETROLEUM CORPORATION 17001 NORTHCHASE DRIVE • P.O. BOX 1330 • HOUSTON, TEXAS 77251-1330 TEL. (281) 875-1101



September 28, 2000

Ms. Lisha Cordova  
 Division of Oil and Gas and Mining  
 1594 W. Northtemple, Suite 1210  
 P.O. Box 145801  
 Salt Lake City, Utah 84114-5801

RE: Drilling Permit 43015-30461  
 Clawson Spring CBM Project  
 Emery County, Utah

Dear Ms. Cordova:

Please be advised that the location of the well described as the State C-6 and subject to the above referenced permit was re-located onto fee lands. The surface and minerals are owned by ANR Co. Inc., 3212 South State Street, Salt Lake City, Utah, 84115. Contact for ANR is Elliott Finely, (435) 637-1778.

For your information, ANR Co. Inc. owns the surface and the minerals on the following lands:

T16S R8E

Section 14:N/2 NE/4

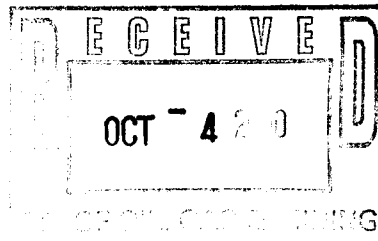
Section 15:W/2 NW/4, SE/4 NW/4

Emery County, Utah

If any further information is required, please contact me at (281) 876-8374.

Sincerely,

Patrick A. Smith  
 Project Landman



Post-It® Fax Note	7671	Date	10-01-00	Page	1
To	Lisha Cordova	From	Patrick Smith		
Co./Dept.		Co.			
Phone #		Phone #	(281) 876-8374		
Fax #		Fax #			



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER: <u>Coalbed Methane</u>	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48209
2. NAME OF OPERATOR: <u>Anadarko Petroleum Corporation</u>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: <u>17001 Northchase Dr., Houston, Texas 77060</u>	7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>1499' FNL &amp; 1262' FEL</u> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>SE NE of Section 14 T16S R8E</u>	8. WELL NAME and NUMBER: <u>Clawson Spring State C-6</u> 9. API NUMBER: <u>43-015-30461</u>
	10. FIELD AND POOL, OR WILDCAT: <u>Clawson Spring CBM</u>
	COUNTY: <u>Emery</u> STATE: <u>UTAH</u>

AMENDED

4364823 N  
501049 E

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REFERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER <u>Moved Location</u>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly show all pertinent details including dates, depths, volumes, etc.)

The location has been moved to the new footages. The new placement of the well is at the footages expressed above.

Please change your records to reflect the same, and schedule this new location for field inspection.

RECEIVED

JUL 13 2001

DIVISION OF  
OIL, GAS AND MINING

NAME (PLEASE PRINT) Jennifer Berlin

TITLE Environmental Regulatory Analyst

SIGNATURE

DATE July 12, 2001

(This space for State use only)

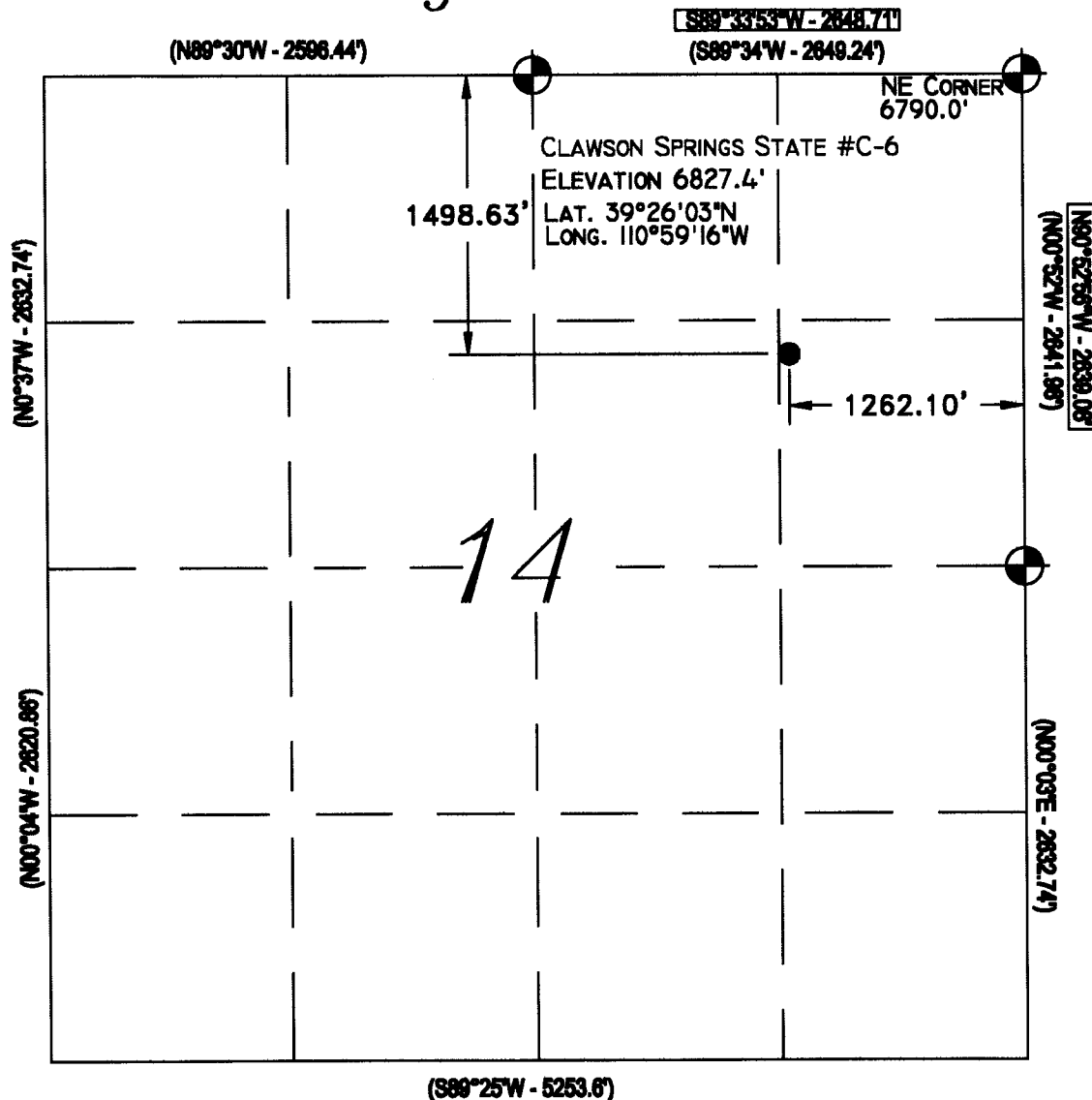
Approved by the  
Utah Division of  
Oil, Gas and Mining

Date:

By:

Township 16 South

# Range 8 East



## Location:

THE WELL LOCATION WAS DETERMINED USING A TRIMBLE 4700 GPS SURVEY GRADE UNIT.

## Basis of Bearing:

THE BASIS OF BEARING IS GPS MEASURED.

## GLO Bearing:

THE BEARINGS INDICATED ARE PER THE RECORDED PLAT OBTAINED FROM THE U.S. LAND OFFICE.

## Basis of Elevation:

BASIS OF ELEVATION OF 6790' BEING ON THE NORTHEAST CORNER SECTION 14, TOWNSHIP 16 SOUTH, RANGE 8 EAST, SALT LAKE BASE AND MERIDIAN, AS SHOWN ON THE POISON SPRINGS BENCH QUADRANGLE 7.5 MINUTE SERIES MAP.

## Description of Location:

PROPOSED DRILL HOLE LOCATED IN THE SE 1/4, NE 1/4 OF SECTION 14, T16S, R8E, S.L.B.&M., BEING 1498.63' SOUTH AND 1262.10' WEST FROM THE NORTHEAST SECTION CORNER OF SECTION 14, T16S, R8E, SALT LAKE BASE & MERIDIAN.

## Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



**Talon Resources, Inc.**  
375 South Carbon Avenue, Suite 101  
Preston, Utah 84501  
Ph: 435-637-8781  
Fax: 435-636-8603



**Clawson Springs State #C-6**  
Section 14, T16S, R8E, S.L.B.&M.  
Emery County, Utah

Drawn By: M. MOON	Checked By: L.W.J./A.J.S.
Drawing No. A-1	Date: 07/03/01
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 386

## Legend

- Drill Hole Location
- ⊕ Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Calculated Corner
- ( ) GLO
- GPS Measured

## NOTE:

LATITUDE / LONGITUDE COORDINATES ARE DERIVED USING A GPS 4700 AND ARE SHOWN IN NAD 27 DATUM.

## GRAPHIC SCALE

0 500' 1000'  
( IN FEET )  
1 inch = 1000 ft.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-48209</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>
1. TYPE OF WELL      OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER: <u>Coalbed Methane</u>		7. UNIT or CA AGREEMENT NAME: <b>N/A</b>
2. NAME OF OPERATOR: <b>Anadarko Petroleum Corporation</b>		8. WELL NAME and NUMBER: <b>Clawson Spring State C-6</b>
3. ADDRESS OF OPERATOR: <b>17001 Northchase Dr., Houston, Texas 77060</b>		9. API NUMBER: <b>43-015-30461</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1499' FNL &amp; 1262' FEL</b> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SE NE of Section 14 T16S R8E</b>		10. FIELD AND POOL, OR WILDCAT: <b>Clawson Spring CBM</b>  COUNTY: <b>Emery</b> STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REFERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER <u>APD Extension</u>
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly show all pertinent details including dates, depths, volumes, etc.)

Anadarko Petroleum respectfully requests a one-year extension to the APD approved 8/10/2000.

Thank You

RECEIVED

JUL 18 2001

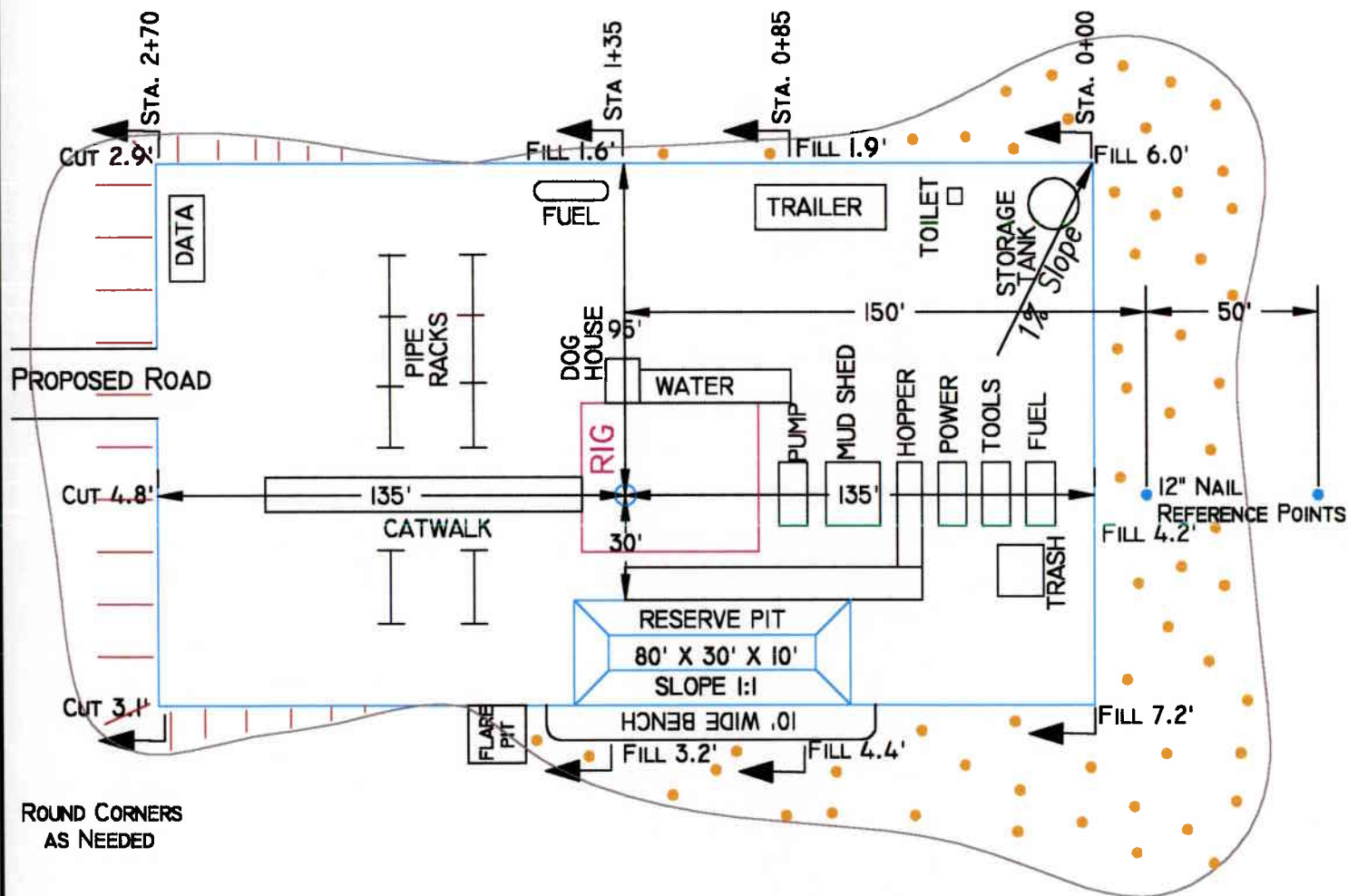
DIVISION OF  
OIL, GAS AND MINING

NAME (PLEASE PRINT) <u>Jennifer Berlin</u>	TITLE <u>Environmental Regulatory Analyst</u>
SIGNATURE <u>[Signature]</u>	DATE <u>July 17, 2001</u>

(This space for State use only)

NOTE:  
PIT CAPACITY WITH  
2' OF FREEBOARD  
= 1,770 BBLs.

Clawson Springs State #C-6  
Elev. 6827.4'  
Cut 0.5'



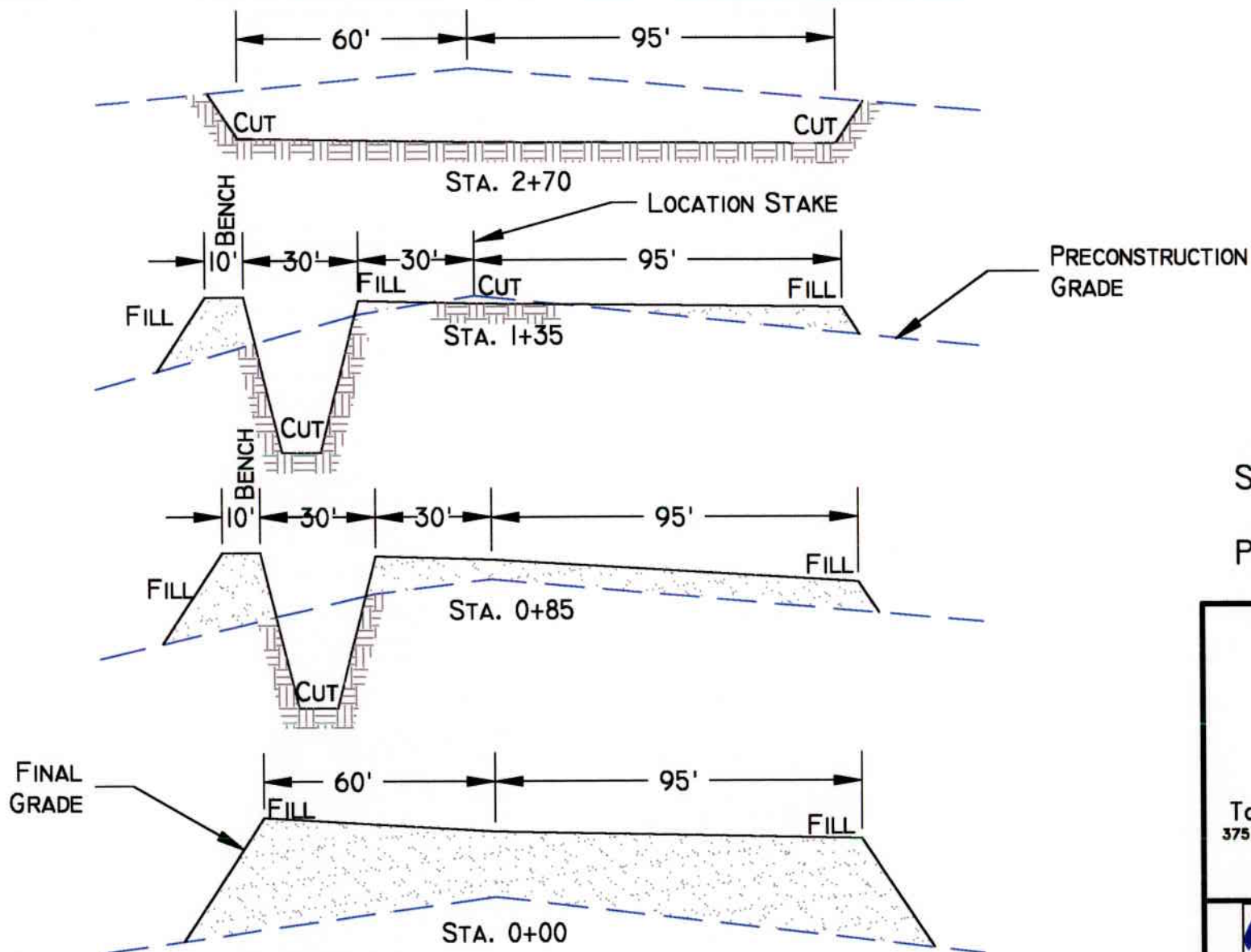
**Talon Resources, Inc.**  
375 South Carbon Avenue, Suite 101  
Price, Utah 84501  
Ph: 435-637-8781  
Fax: 435-636-8603



**TYPICAL LOCATION LAYOUT**  
Clawson Springs State #C-6  
Section 14  
T16S, R8E, S.L.B.&M.

Drawn By: M. MOON	Checked By: L.W.J.
Drawing No. A-2	Date: 07/03/01
	Scale: 1" = 50'
Sheet 2 of 4	Job No. 386

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 6827.4'  
ELEVATION OF GRADED GROUND AT LOCATION STAKE = 6826.9'



1"=10'  
X-Section  
Scale  
1"=40'

SLOPE = 1 1/2 : 1  
(EXCEPT PIT)  
PIT SLOPE = 1 : 1



**Talon Resources, Inc.**  
375 South Carbon Avenue, Suite 101  
Price, Utah 84501  
Ph: 435-637-8781  
Fax: 435-636-8603



**TYPICAL CROSS SECTION**  
**Clawson Springs State #C-6**  
Section 14  
T16S, R8E, S.L.B.&M.

Drawn By: M. MOON	Checked By: L.W.J.
Drawing No. C-1	Date: 07/03/01
	Scale: 1" = 40'
Sheet 3 of 4	Job No. 386

### APPROXIMATE YARDAGES

#### CUT

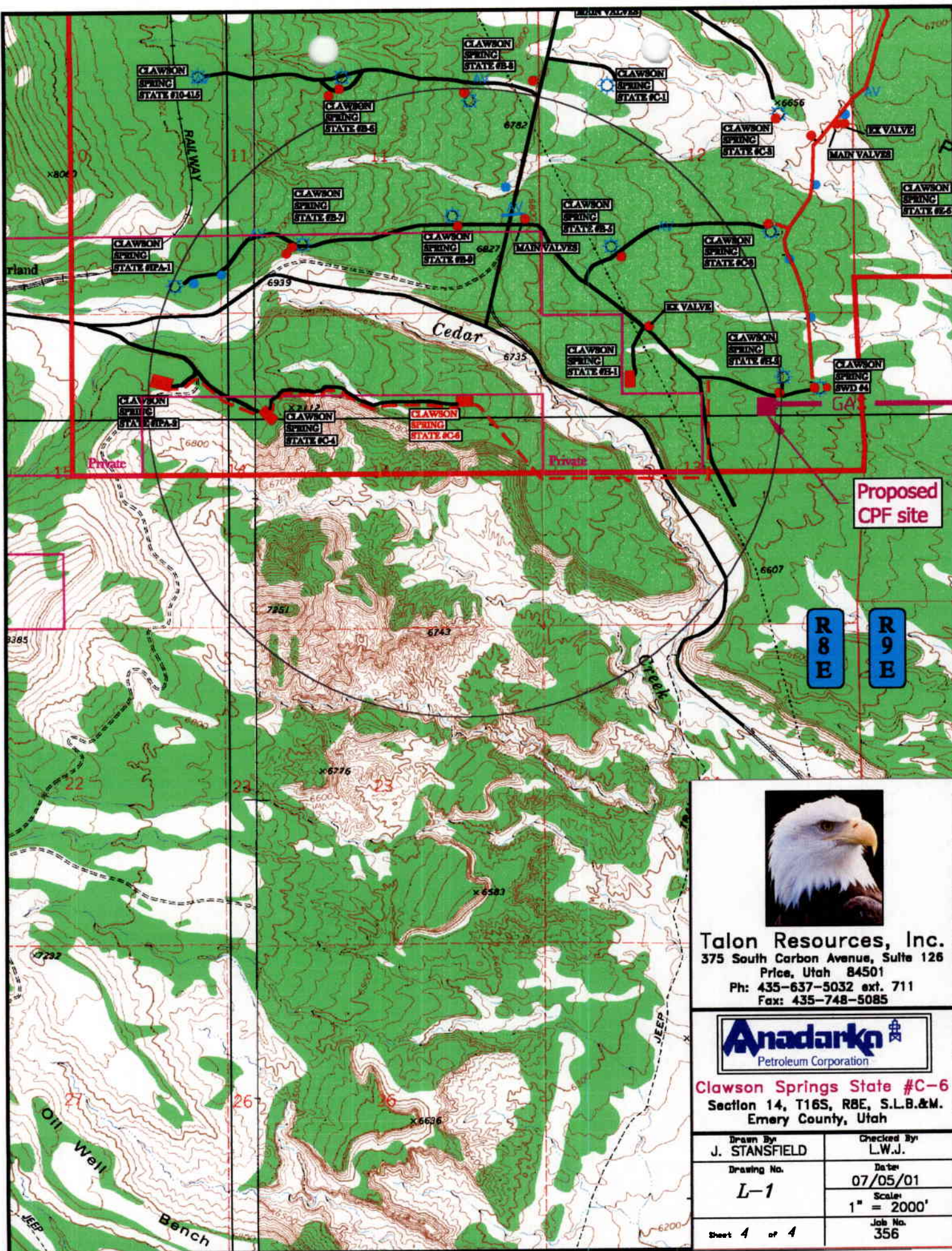
(6") TOPSOIL STRIPPING = 750 CU. YDS.

REMAINING LOCATION = 2,279.7 CU. YDS.

TOTAL CUT = 2,629.7 CU. YDS.

TOTAL FILL = 2,255.1 CU. YDS.





**Talon Resources, Inc.**  
 375 South Carbon Avenue, Suite 126  
 Price, Utah 84501  
 Ph: 435-637-5032 ext. 711  
 Fax: 435-748-5085



**Clawson Springs State #C-6**  
 Section 14, T16S, R8E, S.L.B.&M.  
 Emery County, Utah

Drawn By <b>J. STANSFIELD</b>	Checked By <b>L.W.J.</b>
Drawing No. <b>L-1</b>	Date <b>07/05/01</b>
	Scale <b>1" = 2000'</b>
Sheet <b>4</b> of <b>4</b>	Job No. <b>356</b>



NAD27 110°53'00" W





**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

OPERATOR: Anadarko Petroleum Corporation

WELL NAME & NUMBER: Clawson Springs State C-6

API NUMBER: 43-015-30461

LEASE: State FIELD/UNIT: Clawson Spring

LOCATION: 1/4, 1/4 SE NE Sec: 14 TWP: 16S RNG: 8E 1499 FNL 1262 FEL

LEGAL WELL SITING: 460' From a Unit Boundary and/or uncommitted tracts.

GPS COORD (UTM): X =501,054 E; Y =4,304,434 N SURFACE OWNER: SITLA

**PARTICIPANTS**

Mark Jones, DOGM), Jim Hartley (Anadarko), Bryant Anderson (Emery County) was invited but chose not to attend the onsite.

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Western margin of Colorado Plateau/~3.25 miles east of the foot of the Wasatch Plateau. ~5.5 miles southeast of Hiawatha, UT and 3/4 miles northeast of Mohrland, UT. Location is on Poison Spring Bench ~ 500' Northeast of the edge of the cliffs that form the canyon which contains the Cedar Creek drainage. Cedar Creek eventually reaches the town of Castle Dale UT. and the water in it comes from the Mohrland mine tunnel, which supplies water for framing in the area. This location is in an area that has been chained.

**SURFACE USE PLAN**

CURRENT SURFACE USE: Grazing and wildlife habitat.

PROPOSED SURFACE DISTURBANCE: 270' X 155' pad with 30' X 80' X 10' attached pit. ~1060' of new access road is required.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 7 approved APD status wells and 1 CBM production locations.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Buried power line and gathering system follow approach road. Production facilities include a pumpjack, separator enclosure, casing and tubing strings, wellhead, telemetry equipment and transformer.

SOURCE OF CONSTRUCTION MATERIAL: Gravel location and approach road; soil stored in berm.

ANCILLARY FACILITIES: none

**WASTE MANAGEMENT PLAN:**

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. No crude oil is expected. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and



eventually injected into the Navajo Sandstone via an Anadarko operated saltwater disposal well. Used oil from drilling operations and support will be hauled to a used oil dealer and re-used.

#### ENVIRONMENTAL PARAMETERS

AFFECTED FLOOD PLAINS AND/OR WETLANDS: None - The area is drained by Timothy Wash which eventually drains into the Price River ~15.5 miles to the east.

FLORA/FAUNA: Pinyon, juniper, sagebrush, native grasses / birds, lizards, coyotes, rodents, raptors, elk and deer critical winter range, reptiles.

SOIL TYPE AND CHARACTERISTICS: Sandy, silty, moderately-permeable soil developed on Quaternary / Tertiary Pediment Mantle covering the Blue Gate Member of the Mancos Shale. (GP-SM-ML)

SURFACE FORMATION & CHARACTERISTICS: Quaternary / Tertiary Pediment Mantle over the upper portion of the Blue Gate Member (above the Emery Sandstone Member) of Mancos Shale, light gray, bentonitic shale and sandstone ledges.

EROSION/SEDIMENTATION/STABILITY: Stable.

PALEONTOLOGICAL POTENTIAL: None observed.

#### RESERVE PIT

CHARACTERISTICS: Dugout, earthen pit, sized as above.

LINER REQUIREMENTS (Site Ranking Form attached): Synthetic liner.

#### SURFACE RESTORATION/RECLAMATION PLAN

See SITLA Surface Agreement.

SURFACE AGREEMENT: SITLA Surface Agreement.

CULTURAL RESOURCES/ARCHAEOLOGY: Archaeological survey completed and filed with the state.

#### OTHER OBSERVATIONS/COMMENTS

This site is being moved from the original location as the surface was not owned by SITLA and Anadarko has been unable to reach an agreement with ANR for the rights to use the surface. Rather than drill on ANR owned surface and in hopes of still reaching an agreement for further operations, this location is being moved to SITLA owned surface.

#### ATTACHMENTS:

4 photographs taken.

Reviewer: Mark Jones  
DOGM REPRESENTATIVE

Date: August 23, 2001 / 11:00 am  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>2</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>3</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>5</u>

**Final Score**                      28                      (Level II Sensitivity)







**DIVISION OF OIL, GAS AND MINING**  
**APPLICATION FOR PERMIT TO DRILL**  
**STATEMENT OF BASIS**

OPERATOR: Anadarko Petroleum Corporation  
WELL NAME & NUMBER: Clawson Springs State C-6  
API NUMBER: 43-015-30461  
LEASE: State FIELD/UNIT: Clawson Spring  
LOCATION: 1/4, 1/4 SE NE Sec: 14 TWP: 16S RNG: 8E 1499 FNL 1262 FEL  
LEGAL WELL SITING: 460' From a Unit Boundary and/or uncommitted tracts.  
GPS COORD (UTM): X =501,049 E; Y =4,364,823 N SURFACE OWNER: SITLA

**Geology/Ground Water:**

There are no aquifers with high quality ground water expected to be encountered. As a partion of the review process for this location a search of the Division of Water Rights records was conducted. The results of this search indicate that there are 9 points of diversion to the south and east of this location which may present a minor stock water resource however they will not be impacted. A moderately permeable soil is developed on the Quaternary / Tertiary Pediment Mantle covering the Blue Gate Member of the Mancos Shale. The Emery Sandstone Member of the Mancos Shale may be present at this location and may contain a minor water resource. The proposed surface casing and cementing program should be sufficient to ensure the protection of the ground water resources.

Reviewer: K. Michael Hebertson Date: August 30, 2001

**Surface:**

The nearest moving surface waters are in Miller Creek and Cedar Creek (~2.25 miles north and ~2.25 miles southwest, respectively). Surface water may be found at Coyote Spring (~1 1/2 miles east) and Cottonwood Spring (~2 miles south). Precipitation will be deflected around the location with berms and culverts. There are no nearby culinary or irrigation water supply wells. The site was photographed and characterized on 1/28/2000. Provision was made to ensure site rehabilitation, litter and waste control, preservation of drainage patterns and the integrity of local infrastructure, groundwater and other resources. The well utilities and gas gathering system will follow the approach roadway. Representatives from Wildlife and SITLA were invited to attend the on-site review and declined to attend.

Reviewer: Mark L. Jones Date: August 27, 2001

**Conditions of Approval/Application for Permit to Drill:**

1. Low water crossings will be used at all the drainage crossings.
2. The location and pit are to be bermed on the top outside edge.
3. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
4. Topsoil stockpiling is to be in a long low berm rather than a tall pile or heap.



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

September 4, 2001

Anadarko Petroleum Corporation  
17001 Northchase Dr.  
Houston, TX 77060

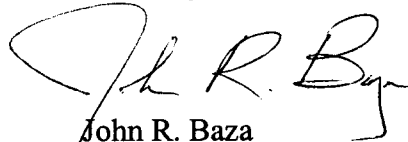
Re: Clawson Spring State C-6 Well, 1499' FNL, 1262' FEL, SE NE, Sec. 14, T. 16 South,  
R. 8 East, Emery County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30461.

Sincerely,

  
John R. Baza  
Associate Director

dm

Enclosures

cc: Emery County Assessor  
SITLA

**Operator:** Anadarko Petroleum Corporation  
**Well Name & Number** Clawson Spring State C-6  
**API Number:** 43-015-30461  
**Lease:** ML 48209

**Location:** SE NE      **Sec.** 14      **T.** 16 South      **R.** 8 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.**

**5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)**



SPUDDING INFORMATION

Name of Company: ANADARKO PETROLEUM CORP

Well Name: CLAWSON SPRING ST C-6

Api No. 43-015-30461 LEASE TYPE: STATE

Section 14 Township 16S Range 08E County EMERY

Drilling Contractor BOB BEAMAN RIG # AIR

SPUDDED:

Date 09/25/2001

Time PM

How ROTARY

Drilling will commence

Reported by SHORTY

Telephone # 1-435-820-8110

Date 09/26/2001 Signed: CHD

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ANADARKO Daily Drilling Summary

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**CLAWSON SPRING STATE C-6**

CONFIDENTIAL

09/28/2001	<b>Data is not available at the time of transmission.</b>
09/27/2001	<b>WELL EVENT NOT STARTED.</b>
09/26/2001	<b>WELL EVENT NOT STARTED.</b>
09/25/2001	<b>WELL EVENT NOT STARTED.</b>
09/24/2001	<b>WELL EVENT NOT STARTED.</b>
09/23/2001	<b>WELL EVENT NOT STARTED.</b>
09/22/2001	<b>WELL EVENT NOT STARTED.</b>

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ANADARKO Daily Drilling Summary

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**CLAWSON SPRING STATE C-6**

CONFIDENTIAL

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, SEC 14<sup>16S</sup>~~6S~~-8E, EMERY, UTAH, WI 1.0000, NRI 0.8750, AFE  
20445, ETD 3802', GLE 6827', (FERRON COAL), Elenburg #15, API 43-015-30461

10/01/2001 MD 3830', **TIH TO CO BRIDGE**

TD @ 16:00 HRS 9/30/01, CIRC HOLE, RAN LOGS, HIT BRIDGE @ 3270'  
CC \$91,440

09/30/2001 MD 2635', **DRILLING**

LAST SURVEY @ 2340' - 5 1/2 DEG  
CC \$70,379

09/29/2001 MD 650', **DRILLING**

SPUD @ 19:00 HRS 9/28/01, LAST SURVEY @ 373' - 1.75 DEG  
CC \$39,913

09/28/2001 **Data is not available at the time of transmission.**

09/27/2001 **WELL EVENT NOT STARTED.**

09/26/2001 **WELL EVENT NOT STARTED.**

09/25/2001 **WELL EVENT NOT STARTED.**

## ANADARKO Daily Drilling Summary

## CLAWSON SPRING STATE C-6

CONFIDENTIAL

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, <sup>185</sup>SEC 14-~~SS~~-8E, EMERY, UTAH, WI 1.0000, NRI 0.8750, AFE 20445, ETD 3802', GLE 6827', (FERRON COAL), Elenburg #15, API 43-015-30461

10/02/2001 MD 3835', **TOH FOR CASING**

TIH, WORK THRU BRIDGE, RELOG, HIT BRIDGE AGAIN, TIH, WRK THRU BRIDGE, TOH TO RUN  
CSG  
CC \$94,801

10/01/2001 MD 3830', **TIH TO CO BRIDGE**

TD @ 16:00 HRS 9/30/01, CIRC HOLE, RAN LOGS, HIT BRIDGE @ 3270'  
CC \$91,440

09/30/2001 MD 2635', **DRILLING**

LAST SURVEY @ 2340' - 5 1/2 DEG  
CC \$70,379

09/29/2001 MD 650', **DRILLING**

SPUD @ 19:00 HRS 9/28/01, LAST SURVEY @ 373' - 1.75 DEG  
CC \$39,913

09/28/2001 **Data is not available at the time of transmission.**

09/27/2001 **WELL EVENT NOT STARTED.**

09/26/2001 **WELL EVENT NOT STARTED.**



## ANADARKO Daily Drilling Summary

## CLAWSON SPRING STATE C-6

CONFIDENTIAL

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, SEC 14-<sup>165</sup>~~55-8E~~, EMERY, UTAH, WI 1.0000, NRI 0.8750, AFE 20445, ETD 3802', GLE 6827', (FERRON COAL), Elenburg #15, API 43-015-30461

10/03/2001 MD 3835', **RIG RELEASED**

RAN 85 JNTS 5 1/2IN. 17# N80 CSG, SET @ 3820FT. CMTD W/ 130 SXS CLASS G 10-2 RFC, CLEANED PITTS, RELEASED RIG @ 10:00 HRS 10/02/01, TEMP DROP FROM REPORT  
CC \$147,460

10/02/2001 MD 3835', **TOH FOR CASING**

TIH, WORK THRU BRIDGE, RELOG, HIT BRIDGE AGAIN, TIH, WRK THRU BRIDGE, TOH TO RUN  
CSG  
CC \$94,801

10/01/2001 MD 3830', **TIH TO CO BRIDGE**

TD @ 16:00 HRS 9/30/01, CIRC HOLE, RAN LOGS, HIT BRIDGE @ 3270'  
CC \$91,440

09/30/2001 MD 2635', **DRILLING**

LAST SURVEY @ 2340' - 5 1/2 DEG  
CC \$70,379

09/29/2001 MD 650', **DRILLING**

SPUD @ 19:00 HRS 9/28/01, LAST SURVEY @ 373' - 1.75 DEG  
CC \$39,913

09/28/2001 **Data is not available at the time of transmission.**

09/27/2001 **WELL EVENT NOT STARTED.**

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ANADARKO Daily Drilling Summary

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**CLAWSON SPRING STATE C-6**

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, SEC 14-<sup>165</sup>65-8E, EMERY, UTAH, WI 1.0000, NRI 0.8750, AFE  
20445, ETD 3802', GLE 6827', (FERRON COAL), Wireline Truck, API 43-015-30461

10/08/2001 MD 3712', **RDMO WIRELINE TRUCK; WELL READY TO FRAC**  
LOG, TEST CASING, PERFORATE  
CC \$50,023

10/07/2001 **WELL EVENT NOT STARTED.**

10/06/2001 **WELL EVENT NOT STARTED.**

10/05/2001 **WELL EVENT NOT STARTED.**

10/04/2001 **WELL EVENT NOT STARTED.**

10/03/2001 **WELL EVENT NOT STARTED.**

10/02/2001 **WELL EVENT NOT STARTED.**

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**ANADARKO Daily Drilling Summary**

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**CLAWSON SPRING STATE C-6**

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, <sup>165</sup>SEC 14-~~55-8E~~, EMERY, UTAH, WI 1.0000, NRI 0.8750, AFE 20445, ETD 3802', GLE 6827', (FERRON COAL), Wireline Truck, ~~API 43-015-30461~~

10/09/2001      **Data is not available at the time of transmission.**

10/08/2001      MD 3712', **RDMO WIRELINE TRUCK; WELL READY TO FRAC**  
LOG, TEST CASING, PERFORATE  
CC \$50,023

CONFIDENTIAL

10/07/2001      **WELL EVENT NOT STARTED.**

10/06/2001      **WELL EVENT NOT STARTED.**

10/05/2001      **WELL EVENT NOT STARTED.**

10/04/2001      **WELL EVENT NOT STARTED.**

10/03/2001      **WELL EVENT NOT STARTED.**

## ANADARKO Daily Drilling Summary

**CLAWSON SPRING STATE C-6**

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, <sup>165</sup>SEC 14-~~SS-8E~~, EMERY, UTAH, WI 1.0000, NRI 0.8750, AFE 20445, ETD 3802', GLE 6827', (FERRON COAL), Wireline Truck, ~~API 43-015-30461~~

10/11/2001      **Data is not available at the time of transmission.**

10/10/2001      **Data is not available at the time of transmission.**

10/09/2001      **MD 3712', WELL SHUT IN**  
MIRU DOWELL SCHLUMBERGER. TEST LINES TO 600 PSI. FRAC PERFS. PERFS BROPKE DOWN AT 765 PSI. NOLTE HAD STEADY BUILD FROM Z PPG STAGE TIL END OF JOB.  
CC \$219,120

10/08/2001      **MD 3712', RDMO WIRELINE TRUCK; WELL READY TO FRAC**  
LOG, TEST CASING, PERFORATE  
CC \$50,023

10/07/2001      **WELL EVENT NOT STARTED.**

10/06/2001      **WELL EVENT NOT STARTED.**

10/05/2001      **WELL EVENT NOT STARTED.**



## ANADARKO Daily Drilling Summary

## CLAWSON SPRING STATE C-6

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, <sup>165</sup>SEC 14-~~58-8E~~, EMERY, UTAH, WI 1.0000, NRI 0.8750, AFE 20445, ETD 3802', GLE 6827', (FERRON COAL), Pool Rig No. 808, ~~API 43-015-30461~~

10/15/2001 MD 3712', **CLEAN OUT WELL TO PBTD - CIRC WELL CLEAN - PUT WELL HEAD TOGETHER**  
RUN BIT BACK IN HOLE; ESTABLISH CIRC; CLEAN OUT WELL TO PBTD, CIRC WELL CLEAN; POOH W/ TBG ETC. BREAK OFF BIT AND BIT SUB - RIH W/ PROD TBG; SET TAC; PSN @ 3618'; LAND TBG ON CAMERON KTH FLANGE  
CC \$30,937

10/14/2001 **Data is not available at the time of transmission.**

10/13/2001 **Data is not available at the time of transmission.**

10/12/2001 MD 3712', **MIRU; REMOVED FRAC VALVE; PULL BIT BACK UP HOLE ABOVE PERFS; SDFN**  
MIRU; REMOVE FRAC VALVE; STRIP ON BOP; TALLY & PU 2 3/8" TBG; TAG SAND @ 3450; PUMP DOWN CSG - UP TBG; GETTING PARTIAL CIRC, NOT ENOUGH TO GO INTO SAND; PULL BIT BACK UP HOLE ABOVE PERFS; SDFN  
CC \$6,152

10/11/2001 **WELL EVENT NOT STARTED.**

10/10/2001 **WELL EVENT NOT STARTED.**

10/09/2001 **WELL EVENT NOT STARTED.**

# RECEIVED

OCT 24 2001

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

DIVISION OF  
OIL, GAS AND MINING

## ENTITY ACTION FORM

Operator: Anadarko Petroleum Corporation Operator Account Number: N 0035  
Address: 17001 Northchase Drive  
city Houston  
state TX zip 77060 Phone Number: (281) 874-3441

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-015-30461	Clawson Spring State C-6	SENE	14	16S	8E	Emery
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	13355	9/26/01	10-24-01		
Comments: <b>CONFIDENTIAL</b>						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Jennifer Berlin  
Name (Please Print)  
  
Signature  
Environmental Regulatory Analyst 10/22/2001  
Title Date

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <u>CBM</u>						5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-48209</b>																																																																									
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a																																																																									
2. NAME OF OPERATOR: <b>Anadarko Petroleum Corporation</b>						7. UNIT or CA AGREEMENT NAME n/a																																																																									
3. ADDRESS OF OPERATOR: <b>P O Box 1330</b> CITY <b>Houston</b> STATE <b>TX</b> ZIP <b>77251-1330</b>						8. WELL NAME AND NUMBER: <b>Clawson Spring State C-6</b>																																																																									
PHONE NUMBER: <b>(832) 636-3315</b>						9. API NUMBER: <b>4301530461</b>																																																																									
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>1499 FNL x 1262 FEL SE/NE</b> AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH: <b>Same As Above</b>						10. FIELD AND POOL, OR WILDCAT <b>Drunkard's Wash/Ferron</b>																																																																									
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENE 14 16S 8E</b>						12. COUNTY <b>Emery</b>																																																																									
13. STATE <b>UTAH</b>						14. DATE SPURRED: <b>9/26/2001</b>																																																																									
15. DATE T.D. REACHED: <b>9/30/2001</b>						16. DATE COMPLETED: <b>10/9/2001</b>																																																																									
17. ELEVATIONS (DF, RKB, RT, GL): <b>6827 gl</b>						18. TOTAL DEPTH: MD <b>3,830</b> TVD																																																																									
19. PLUG BACK T.D.: MD <b>3,687</b> TVD						20. IF MULTIPLE COMPLETIONS, HOW MANY? * <b>N/A</b>																																																																									
21. DEPTH BRIDGE PLUG SET: TVD						22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) <b>GR, CCL, CBL - Rec 4-11-02</b>																																																																									
23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)						24. CASING AND LINER RECORD (Report all strings set in well)																																																																									
<table border="1"><thead><tr><th>HOLE SIZE</th><th>SIZE/GRADE</th><th>WEIGHT (#/ft.)</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>STAGE CEMENTER DEPTH</th><th>CEMENT TYPE &amp; NO. OF SACKS</th><th>SLURRY VOLUME (BBL)</th><th>CEMENT TOP **</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>12 1/4"</td><td>8 5/8 J55</td><td>24#</td><td></td><td>306</td><td></td><td>139</td><td></td><td></td><td></td></tr><tr><td>7 7/8"</td><td>5.5 N80</td><td>17#</td><td></td><td>3,820</td><td></td><td>130</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>										HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED	12 1/4"	8 5/8 J55	24#		306		139				7 7/8"	5.5 N80	17#		3,820		130																																											
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28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.																																																																															
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29. ENCLOSED ATTACHMENTS: <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____								30. WELL STATUS: <b>Producing</b>																																																																							

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 12/12/2001		TEST DATE: 12/12/2001		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 0		GAS – MCF: 0		WATER – BBL: 100		PROD. METHOD: <i>Flow</i> <del>Producing</del>							
CHOKE SIZE:		TBG. PRESS.		CSG. PRESS. 145		API GRAVITY		BTU – GAS		GAS/OIL RATIO		24 HR PRODUCTION RATES: →		OIL – BBL: 0		GAS – MCF: 0		WATER – BBL: 100		INTERVAL STATUS:	

## INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Ferron	3,360

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Jennifer Head, JA Rohn Consulting 970-377-0016

TITLE Agent, Anadarko Petroleum Corporation

SIGNATURE

DATE

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940



April 10, 2002

RECEIVED

APR 11 2002

State of Utah  
Attn: Carol Daniels  
Dept. of Natural Resources  
Division of Oil & Gas & Mining  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

DIVISION OF  
OIL, GAS AND MINING

**RE: Anadarko Petroleum Cement Bond Logs**

Dear Ms. Daniels,

As per your request, please find attached cement bond logs for the following Anadarko Petroleum wells:

Clawson Spring State C-4 - T16S R08E SEC 14 - 43-015-30435

**Clawson Spring State C-6** - T16S R08E SEC 14 - 43-015-30461

Clawson Spring State F-2 - T16S R08E SEC 03 - 43-015-30472

Clawson Spring State IPA#2 - T16S R08E SEC 15 - 43-015-30469

Helper Federal A-7 - T13S R10E SEC 22 - 43-007-30678

Helper Federal E-1 - T13S R10E SEC 29 - 43-007-30547

*Logs filed with  
log file*

Should you have any questions, please do not hesitate to contact me at 832-636-3315 or by email at [carla\\_ghazizadeh@anadarko.com](mailto:carla_ghazizadeh@anadarko.com).

Sincerely,

A handwritten signature in cursive script that reads "Carla Ghazizadeh".

Carla Ghazizadeh  
Env. & Reg. Analyst



**From:** Sherri Prentice <sherri\_prentice@anadarko.COM>  
**To:** "cdaniels@state.ut.us" <cdaniels@state.ut.us>  
**Date:** 4/24/02 12:36PM  
**Subject:** Daily Report from Anadarko 04/24/2002

CONFIDENTIAL

**CONFIDENTIAL**

---

**ANADARKO Daily Drilling Summary**

---

**CLAWSON SPRING STATE C-6**

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, ~~SEC 14-6S-8E~~, EMERY, UTAH, APC WI 1.0000, NRI 0.8750,  
AFE NONE, ETD 3802', GLE 6827', (FERRON COAL), ~~API 43-015-30461~~

04/24/2002 MD 3712', **MIRU BLEED PRESS. OFF TBG. POOH W/ RODS & PUMP**  
MIRU POOH W/ RODS & PUMP PREP TO LOG TBG.,  
CC \$1,586

04/23/2002 **Data is not available at the time of transmission.**

04/22/2002 **WELL EVENT NOT STARTED.**

04/21/2002 **WELL EVENT NOT STARTED.**

04/20/2002 **WELL EVENT NOT STARTED.**

04/19/2002 **WELL EVENT NOT STARTED.**

04/18/2002 **WELL EVENT NOT STARTED.**

**Carol Daniels - Daily Report from Anadarko 04/25/2002**

---

**From:** Sherri Prentice <sherri\_prentice@anadarko.COM>  
**To:** "'cdaniels@state.ut.us'" <cdaniels@state.ut.us>  
**Date:** 04/25/2002 1:43 PM  
**Subject:** Daily Report from Anadarko 04/25/2002

---

**CONFIDENTIAL**

**CONFIDENTIAL**

---

**ANADARKO Daily Drilling Summary**

---

**CLAWSON SPRING STATE C-6**

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, SEC 14-6S-8E, EMERY, UTAH, APC WI 1.0000, NRI 0.8750, AFE NONE, ETD 3802', GLE 6827', (FERRON COAL), API 43-015-30461

04/25/2002 MD 0', **POOH W/ TBG. LOGGING SORTING TBG.**  
BLEED PRESS. OFF WELL RIG UP PRS TBG. LOGGING UNIT,  
CC \$3,559

04/24/2002 MD 3712', **MIRU BLEED PRESS. OFF TBG. POOH W/ RODS & PUMP**  
MIRU POOH W/ RODS & PUMP PREP TO LOG TBG.,  
CC \$1,586

04/23/2002 **Data is not available at the time of transmission.**

04/22/2002 **WELL EVENT NOT STARTED.**

04/21/2002 **WELL EVENT NOT STARTED.**

04/20/2002 **WELL EVENT NOT STARTED.**

04/19/2002 **WELL EVENT NOT STARTED.**



**From:** Belinda Lopez <belinda\_lopez@anadarko.COM>  
**To:** "caroldaniels@utah.gov" <caroldaniels@utah.gov>  
**Date:** 10/3/03 6:49AM  
**Subject:** Daily Report from Anadarko 10/03/2003

**Anadarko Confidentiality Notice:**

This electronic transmission and any attached documents or other writings are intended only for the person or entity to which it is addressed and may contain information that is privileged, confidential or otherwise protected from disclosure. If you have received this communication in error, please immediately notify sender by return e-mail and destroy the communication. Any disclosure, copying, distribution or the taking of any action concerning the contents of this communication or any attachments by anyone other than the named recipient is strictly prohibited.

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**ANADARKO Daily Drilling Summary**

---

**CLAWSON SPRING STATE C-6**

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, SEC 14-6S-8E, EMERY, UTAH, APC WI 1.0000, NRI 0.8750, AFE NONE, ETD 3802', GLE 6827', (FERRON COAL), RIG # 278, API 43-015-30461

10/03/2003 MD 0', **BLEED PRESS OFF WELL FLUSH TBG PICK UP PUMP & RODS RIH**  
BLEED PRESS OFF TBG FLUSH RIH W/ NEW PUMP & RODS START WELL  
PUMPING RDMO,  
CC \$39,878

10/02/2003 MD 0', **BLEED PRESS OFF WELL CONTROL RIH W/ TBG POOH LOGGING**  
BLEED OFF PRESS RIH W/ TBG POOH SORTING RIH W/ PROD TBG LAY DOWN  
ALL RODS SDFD,  
CC \$29,260

10/01/2003 MD 0', **MIRU POOH W/ RODS FISH RODS PULL TBG**  
MIRU POOH W/ RODS FISH RODS PULL TBG SDFD,  
CC \$6,521

09/30/2003 **Data is not available at the time of transmission.**

09/29/2003 **WELL EVENT NOT STARTED.**

09/28/2003 **WELL EVENT NOT STARTED.**

09/27/2003 **WELL EVENT NOT STARTED.**

## CLAWSON SPRING STATE C-6

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, SEC 14<sup>65</sup> 6S-8E, EMERY, UTAH, APC WI 1.0000, NRI 0.8750, AFE NONE, ETD 3802', GLE 6827', (FERRON COAL), API 43-015-30461

01/25/2005 MD 3712', **WTR FLUSH**  
FLUSHED WELL, THEN RETURNED TO PRODUCTION.,  
CC \$470

01/24/2005 **WELL EVENT NOT STARTED.**

01/23/2005 **WELL EVENT NOT STARTED.**

01/22/2005 **WELL EVENT NOT STARTED.**

01/21/2005 **WELL EVENT NOT STARTED.**

01/20/2005 **WELL EVENT NOT STARTED.**

01/19/2005 **WELL EVENT NOT STARTED.**

**CLAWSON SPRING STATE C-6**

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, SEC 14-<sup>165</sup>~~65~~-8E, EMERY, UTAH, APC WI 1.0000, NRI 0.8750, AFE NONE, ETD 3802', GLE 6827', (FERRON COAL), API 43-015-30461

04/21/2004 MD 0', **MIRU @ CSS # B-3**  
CONTROL WELL, RIH W/ PROD TBG, RIH W/ NEW ROD PUMP, START WELL  
PUMPING, RDMO TO CSS # B-3,  
CC \$17,048

04/20/2004 MD 0', **CONT CLEANING OUT WELL, RUN PROD EQUIP**  
MIRU, POOH W/ RODS, UNABLE TO FISH, POOH W/ TBG, LOGGING, RIH W/  
CLEAN OUT TOOLS, CLEAN OUT WELL, SDFD,  
CC \$13,929

04/19/2004 **Data is not available at the time of transmission.**

04/18/2004 **WELL EVENT NOT STARTED.**

04/17/2004 **WELL EVENT NOT STARTED.**

04/16/2004 **WELL EVENT NOT STARTED.**

04/15/2004 **WELL EVENT NOT STARTED.**



**CLAWSON SPRING STATE C-6**

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, SEC 14<sup>165</sup>~~65~~-8E, EMERY, UTAH, APC WI 1.0000, NRI 0.8750, AFE NONE, ETD 3802', GLE 6827', (FERRON COAL), API 43-015-30461

05/09/2004 MD 0', **PREP TO MOVE TO CSS # B-6**  
MIRU, TRY TO FISH RODS, STRIP TBG UP TO RODS, RERUN TBG, RERUN RODS & PUMP, FILL & TEST START WELL PUMPING, RDMO, PREP TO MOVE TO CSS # B-6,  
CC \$1,965

05/08/2004 **Data is not available at the time of transmission.**

05/07/2004 **WELL EVENT NOT STARTED.**

05/06/2004 **WELL EVENT NOT STARTED.**

05/05/2004 **WELL EVENT NOT STARTED.**

05/04/2004 **WELL EVENT NOT STARTED.**

05/03/2004 **WELL EVENT NOT STARTED.**

## CLAWSON SPRING STATE C-6

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, SEC 14-<sup>16S</sup>~~65~~-8E, EMERY, UTAH, APC WI 1.0000, NRI 0.8750, AFE NONE, ETD 3802', GLE 6827', (FERRON COAL), API 43-015-30461

07/23/2004 MD 3712', **CHEMICAL SQUEEZE; SHUT WELL IN 24HRS THEN RETURN TO PRODUCTION**  
PUMP 10 BBL'S PRODUCTION WATER MIXED WITH 2 BBL'S GYPTRON T-149 DOWN CASING. CHASED WITH 300 BBL'S PRODUCTION WATER. SHUT WELL IN 24 HRS THEN RETURN TO PRODUCTION.,  
CC \$2,174

07/22/2004 **Data is not available at the time of transmission.**

07/21/2004 **WELL EVENT NOT STARTED.**

07/20/2004 **WELL EVENT NOT STARTED.**

07/19/2004 **WELL EVENT NOT STARTED.**

07/18/2004 **WELL EVENT NOT STARTED.**

07/17/2004 **WELL EVENT NOT STARTED.**

## CLAWSON SPRING STATE C-6

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, SEC 14-6S-8E, EMERY, UTAH, APC WI 1.0000, NRI 0.8750, AFE NONE, ETD 3802', GLE 6827', (FERRON COAL), API 43-015-30461

08/11/2004 MD 0', **PREP TO PULL RODS, CHG DESIGN**  
MIRU, POOH W/ ROD PART, UNABLE TO FISH RODS, PULL TBG UP TO PART,  
PREP TO PULL RODS, SDFD,  
CC \$6,608

08/10/2004 **Data is not available at the time of transmission.**

08/09/2004 **WELL EVENT NOT STARTED.**

08/08/2004 **WELL EVENT NOT STARTED.**

08/07/2004 **WELL EVENT NOT STARTED.**

08/06/2004 **WELL EVENT NOT STARTED.**

08/05/2004 **WELL EVENT NOT STARTED.**

## CLAWSON SPRING STATE C-6

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, SEC 14-6S-8E, EMERY, UTAH, APC WI 1.0000, NRI 0.8750, AFE NONE, ETD 3802', GLE 6827', (FERRON COAL), API 43-015-30461

08/12/2004 MD 3712', **MIRU @ HELPER FED # G-4, PREP TO PULL TBG**  
POOH LD 3/4" RODS, CHG PUMP, RESET TA/C, RIH W/ NEW RODS & PUMP,  
START WELL PUMPING, RDMO,  
CC \$15,549

08/11/2004 MD 0', **PREP TO PULL RODS, CHG DESIGN**  
MIRU, POOH W/ ROD PART, UNABLE TO FISH RODS, PULL TBG UP TO PART,  
PREP TO PULL RODS, SDFD,  
CC \$6,608

08/10/2004 **Data is not available at the time of transmission.**

08/09/2004 **WELL EVENT NOT STARTED.**

08/08/2004 **WELL EVENT NOT STARTED.**

08/07/2004 **WELL EVENT NOT STARTED.**

08/06/2004 **WELL EVENT NOT STARTED.**



## CLAWSON SPRING STATE C-6

16  
DRUNKARD'S WASH, 1499 FNL & 1262 FEL, SEC 14~~05~~<sup>06</sup>-8E, EMERY, UTAH, APC WI 1.0000, NRI 0.8750, AFE NONE, ETD 3802', GLE 6827', (FERRON COAL), API 43-015-30461

08/12/2005 MD 3712', **CHEMICAL SQUEEZE; SHUT IN 24 HRS THEN RETURN TO PRODUCTION**  
HELD SAFETY MEETING. SHUT PUMP OFF; CONNECT TO CASING VALVE. PUMPED 2 DRUMS OF GYPTRON FOLLOWED BY 135 BBL'S OF PRODUCED WATER. LEAVE WELL OFF 24 HRS THEN RETURN TO PRODUCTION. RDMO, CC \$1,775

08/11/2005 **Data is not available at the time of transmission.**

08/10/2005 **WELL EVENT NOT STARTED.**

08/09/2005 **WELL EVENT NOT STARTED.**

08/08/2005 **WELL EVENT NOT STARTED.**

08/07/2005 **WELL EVENT NOT STARTED.**

08/06/2005 **WELL EVENT NOT STARTED.**

## CLAWSON SPRING STATE C-6

DRUNKARD'S WASH, 1499 FNL & 1262 FEL, SEC 14~~4~~6S-8E, EMERY, UTAH, APC WI 1.0000, NRI 0.8750, AFE NONE, ETD 3802', GLE 6827', (FERRON COAL), API 43-015-30461

10/11/2005 MD 3712', **PREP TO MOVE TO CSS # F-2**  
MIRU, TRY TO PRESS TEST, POOH W/ RODS, PUMP BBL BROKEN, TAG FILL,  
RESET TA/C, RUN NEW PUMP, FILL & TEST, RDMO,  
CC \$10,243

10/10/2005 **Data is not available at the time of transmission.**

10/09/2005 **WELL EVENT NOT STARTED.**

10/08/2005 **WELL EVENT NOT STARTED.**

10/07/2005 **WELL EVENT NOT STARTED.**

10/06/2005 **WELL EVENT NOT STARTED.**

10/05/2005 **WELL EVENT NOT STARTED.**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

ROUTING

CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**4/1/2013**

**FROM: (Old Operator):**

N0035-Anadarko Petroleum Corporation  
 PO Box 173779  
 Denver, CO, 80214

Phone: 1 (720) 929-6000

**TO: ( New Operator):**

N3940- Anadarko E&P Onshore LLC  
 PO Box 173779  
 Denver, CO 802014

Phone: 1 (720) 929-6000

**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/9/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/9/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 4/10/2013
- a. Is the new operator registered in the State of Utah: Business Number: 593715-0161
- a. (R649-9-2)Waste Management Plan has been received on: Yes
- b. Inspections of LA PA state/fee well sites complete on: 4/10/2013
- c. Reports current for Production/Disposition & Sundries on: 4/10/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/2/2013 BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 4/10/2013

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/11/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/11/2013
- Bond information entered in RBDMS on: 4/10/2013
- Fee/State wells attached to bond in RBDMS on: 4/11/2013
- Injection Projects to new operator in RBDMS on: 4/11/2013
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: WYB000291
- Indian well(s) covered by Bond Number: N/A
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 22013542
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 4/11/2013

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>CBM Wells</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: See Wells
2. NAME OF OPERATOR: Anadarko Petroleum Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE CO ZIP 80217		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (720) 929-6000		8. WELL NAME and NUMBER:
4. LOCATION OF WELL FOOTAGES AT SURFACE:		9. API NUMBER: See Wells
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY:		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>4/8/2013</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER:
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The operator is requesting authorization to transfer the wells from Anadarko Petroleum Corporation and Anadarko Production Company to Anadarko E&P Onshore, LLC. Please see the attached list of 181 wells that are currently filed under Anadarko Petroleum Corporation and Anadarko Production Company. The state/fee wells will be under bond number 22013542, and the federal wells will be under bond number WYB000291.

Effective 4/1/13  
Please contact the undersigned if there are any questions.

*Jaime Scharnowske*

Jaime Scharnowske  
Regulatory Analyst

Anadarko Petroleum Corporation N0035  
P.O. Box 173779  
Denver, CO 80214  
(720) 929-6000

*Jaime Scharnowske* DIV. OF OIL, GAS & MINING

Jaime Scharnowske  
Regulatory Analyst

Anadarko E&P Onshore, LLC N3940  
P.O. Box 173779  
Denver, CO 80214  
(720) 929-6000

NAME (PLEASE PRINT) <u>Jaime Scharnowske</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE <i>Jaime Scharnowske</i>	DATE <u>4/8/2013</u>

(This space for State use only)

APPROVED

APR 11 2013

*Rachel Medina*

Anadarko Petroleum Corporation (N0035) to Anadarko E&P Onshore, LLC (N3940)  
Effective 1<sup>st</sup> April-2013

Well Name	Sec	Twnshp	Range	API	Entity No.	Lease Type	Well Type	Well status
HELPER ST SWD 1	03	140S	100E	4300730361	12258	State	WD	A
FED F-2 SWD	08	140S	100E	4300730555	12557	Federal	WD	A
CLAWSON SPRING ST SWD 4	13	160S	080E	4301530477	12979	State	WD	A
CLAWSON SPRING ST SWD 1	36	150S	080E	4300730721	12832	State	WD	I
HELPER FED B-1	33	130S	100E	4300730189	11537	Federal	GW	P
HELPER FED A-1	23	130S	100E	4300730190	11517	Federal	GW	P
HELPER FED A-3	22	130S	100E	4300730213	11700	Federal	GW	P
HELPER FED C-1	22	130S	100E	4300730214	11702	Federal	GW	P
HELPER FED B-5	27	130S	100E	4300730215	11701	Federal	GW	P
HELPER FED A-2	22	130S	100E	4300730216	11699	Federal	GW	P
HELPER FED D-1	26	130S	100E	4300730286	12061	Federal	GW	P
BIRCH A-1	05	140S	100E	4300730348	12120	Fee	GW	P
HELPER ST A-1	03	140S	100E	4300730349	12122	State	GW	P
HELPER ST D-7	04	140S	100E	4300730350	12121	State	GW	P
CHUBBUCK A-1	31	130S	100E	4300730352	12397	Fee	GW	P
VEA A-1	32	130S	100E	4300730353	12381	Fee	GW	P
VEA A-2	32	130S	100E	4300730354	12483	Fee	GW	P
VEA A-3	32	130S	100E	4300730355	12398	Fee	GW	P
VEA A-4	32	130S	100E	4300730356	12482	Fee	GW	P
HELPER ST A-8	02	140S	100E	4300730357	12257	State	GW	P
HELPER ST A-3	02	140S	100E	4300730358	12254	State	GW	P
HELPER ST A-4	02	140S	100E	4300730359	12255	State	GW	P
HELPER ST A-7	02	140S	100E	4300730360	12256	State	GW	P
HELPER ST A-2	03	140S	100E	4300730362	12232	State	GW	P
HELPER ST A-5	03	140S	100E	4300730363	12231	State	GW	P
HELPER ST A-6	03	140S	100E	4300730364	12233	State	GW	P
HELPER ST D-4	04	140S	100E	4300730365	12228	State	GW	P
HELPER ST D-3	05	140S	100E	4300730366	12184	State	GW	P
HELPER ST D-5	04	140S	100E	4300730367	12226	State	GW	P
HELPER ST D-8	04	140S	100E	4300730368	12229	State	GW	P
HELPER ST D-2	05	140S	100E	4300730369	12481	State	GW	P
HELPER ST D-6	05	140S	100E	4300730370	12234	State	GW	P
HELPER ST D-1	06	140S	100E	4300730371	12399	State	GW	P
BIRCH A-2	08	140S	100E	4300730372	12189	Fee	GW	P
HELPER ST A-9	10	140S	100E	4300730373	12230	State	GW	P
HELPER ST B-1	09	140S	100E	4300730376	12227	State	GW	P
HELPER FED F-3	08	140S	100E	4300730378	12252	Federal	GW	P
HELPER FED F-4	09	140S	100E	4300730379	12253	Federal	GW	P
HELPER ST A-10	10	140S	100E	4300730433	12488	State	GW	P
HELPER ST A-11	11	140S	100E	4300730434	12487	State	GW	P
HELPER ST A-12	10	140S	100E	4300730435	12486	State	GW	P
HELPER ST A-13	10	140S	100E	4300730436	12485	State	GW	P
HELPER ST B-2	09	140S	100E	4300730437	12484	State	GW	P
HELPER FED E-7	19	130S	100E	4300730508	13623	Federal	GW	P
HELPER FED B-2	33	130S	100E	4300730530	12619	Federal	GW	P
HELPER FED B-3	33	130S	100E	4300730531	12622	Federal	GW	P
HELPER FED B-4	33	130S	100E	4300730532	12623	Federal	GW	P
HELPER FED B-6	27	130S	100E	4300730533	12644	Federal	GW	P
HELPER FED B-7	27	130S	100E	4300730534	12645	Federal	GW	P
HELPER FED B-8	27	130S	100E	4300730535	12631	Federal	GW	P



Anadarko Petroleum Corporation (N0035) to Anadarko E&P Onshore, LLC (N3940)  
Effective 1-April-2013

Well Name	Sec	Twnshp	Range	API	Entity No.	Lease Type	Well Type	Well status
HELPER FED B-9	34	130S	100E	4300730536	12646	Federal	GW	P
HELPER FED B-10	34	130S	100E	4300730537	12626	Federal	GW	P
HELPER FED B-11	34	130S	100E	4300730538	12628	Federal	GW	P
HELPER FED B-12	34	130S	100E	4300730539	12627	Federal	GW	P
HELPER FED B-13	28	130S	100E	4300730540	12621	Federal	GW	P
HELPER FED B-14	28	130S	100E	4300730541	12620	Federal	GW	P
HELPER FED D-2	26	130S	100E	4300730542	12650	Federal	GW	P
HELPER FED D-3	26	130S	100E	4300730543	12634	Federal	GW	P
HELPER FED D-4	35	130S	100E	4300730544	12625	Federal	GW	P
HELPER FED D-5	35	130S	100E	4300730545	12637	Federal	GW	P
HELPER FED D-6	35	130S	100E	4300730546	12635	Federal	GW	P
HELPER FED E-1	29	130S	100E	4300730547	13246	Federal	GW	P
HELPER FED E-2	29	130S	100E	4300730548	12636	Federal	GW	P
HELPER FED H-1	01	140S	100E	4300730549	12653	Federal	GW	P
HELPER FED H-2	01	140S	100E	4300730550	12647	Federal	GW	P
OLIVETO FED A-2	08	140S	100E	4300730556	12630	Federal	GW	P
HELPER FED F-1	08	140S	100E	4300730557	12629	Federal	GW	P
SMITH FED A-1	09	140S	100E	4300730558	13004	Federal	GW	P
SE INVESTMENTS A-1	06	140S	100E	4300730570	12624	Fee	GW	P
HELPER ST A-14	11	140S	100E	4300730571	12612	State	GW	P
HELPER ST A-15	11	140S	100E	4300730572	12613	State	GW	P
HELPER ST E-1	36	130S	100E	4300730573	12615	State	GW	P
HELPER ST E-2	36	130S	100E	4300730574	12614	State	GW	P
HARMOND A-1	07	140S	100E	4300730586	12616	Fee	GW	P
HELPER ST E-3	36	130S	100E	4300730592	12868	State	GW	P
HELPER FED A-6	23	130S	100E	4300730593	12649	Federal	GW	P
HELPER FED D-7	26	130S	100E	4300730594	12651	Federal	GW	P
HELPER FED D-8	35	130S	100E	4300730595	12652	Federal	GW	P
CLAWSON SPRING ST A-1	36	150S	080E	4300730597	12618	State	GW	P
HELPER ST E-4	36	130S	100E	4300730598	12825	State	GW	P
HELPER ST A-16	11	140S	100E	4300730603	12638	State	GW	P
CHUBBUCK A-2	06	140S	100E	4300730604	12648	Fee	GW	P
CLAWSON SPRING ST A-2	36	150S	080E	4300730635	12856	State	GW	P
CLAWSON SPRING ST A-3	36	150S	080E	4300730636	13001	State	GW	P
CLAWSON SPRING ST A-4	36	150S	080E	4300730637	12844	State	GW	P
CLAWSON SPRING ST D-5	31	150S	090E	4300730642	12852	State	GW	P
CLAWSON SPRING ST D-6	31	150S	090E	4300730643	12847	State	GW	P
CLAWSON SPRING ST D-7	31	150S	090E	4300730644	12849	State	GW	P
HELPER FED A-5	23	130S	100E	4300730677	13010	Federal	GW	P
HELPER FED A-7	22	130S	100E	4300730678	13346	Federal	GW	P
HELPER FED B-15	28	130S	100E	4300730679	13015	Federal	GW	P
HELPER FED B-16	28	130S	100E	4300730680	13203	Federal	GW	P
HELPER FED C-2	24	130S	100E	4300730681	13016	Federal	GW	P
HELPER FED C-4	24	130S	100E	4300730682	13012	Federal	GW	P
HELPER FED C-7	21	130S	100E	4300730684	13204	Federal	GW	P
HELPER FED D-9	25	130S	100E	4300730685	13245	Federal	GW	P
HELPER FED D-10	25	130S	100E	4300730686	12993	Federal	GW	P
HELPER FED D-11	25	130S	100E	4300730687	12992	Federal	GW	P
HELPER FED D-12	25	130S	100E	4300730688	13005	Federal	GW	P
HELPER FED E-4	29	130S	100E	4300730689	13229	Federal	GW	P

Anadarko Petroleum Corporation (N0035) to Anadarko E&P Onshore, LLC (N3940)  
Effective 1-April-2013

Well Name	Sec	Twnshp	Range	API	Entity No.	Lease Type	Well Type	Well status
HELPER FED A-4	23	130S	100E	4300730692	13009	Federal	GW	P
HELPER FED C-5	24	130S	100E	4300730693	13013	Federal	GW	P
HELPER FED G-1	30	130S	110E	4300730694	13006	Federal	GW	P
HELPER FED G-2	30	130S	110E	4300730695	13007	Federal	GW	P
HELPER FED G-3	31	130S	110E	4300730696	13002	Federal	GW	P
HELPER FED G-4	31	130S	110E	4300730697	13003	Federal	GW	P
HELPER FED H-3	01	140S	100E	4300730698	12831	Federal	GW	P
HELPER FED H-4	01	140S	100E	4300730699	12833	Federal	GW	P
CLAWSON SPRING ST D-8	31	150S	090E	4300730701	12851	State	GW	P
HELPER FED C-3	24	130S	100E	4300730702	13011	Federal	GW	P
CLAWSON SPRING ST J-1	35	150S	080E	4300730726	13299	Fee	GW	P
PIERUCCI 1	35	150S	080E	4300730727	13325	Fee	GW	P
POTTER ETAL 1	35	150S	080E	4300730728	12958	Fee	GW	P
POTTER ETAL 2	35	150S	080E	4300730737	12959	Fee	GW	P
HELPER FED G-5	30	130S	110E	4300730770	13655	Federal	GW	P
HELPER FED G-6	30	130S	110E	4300730771	13656	Federal	GW	P
HELPER FED G-7	31	130S	110E	4300730772	13657	Federal	GW	P
HELPER FED G-8	31	130S	110E	4300730773	13658	Federal	GW	P
GOODALL A-1	06	140S	110E	4300730774	13348	Fee	GW	P
HELPER FED E-8	19	130S	100E	4300730776	13624	Federal	GW	P
HAUSKNECHT A-1	21	130S	100E	4300730781	13347	Fee	GW	P
HELPER FED E-9	19	130S	100E	4300730868	13628	Federal	GW	P
HELPER FED E-5	20	130S	100E	4300730869	13625	Federal	GW	P
HELPER FED E-6	20	130S	100E	4300730870	13631	Federal	GW	P
HELPER FED E-10	30	130S	100E	4300730871	13629	Federal	GW	P
SACCOMANNO A-1	30	130S	100E	4300730872	13622	Fee	GW	P
HELPER FED E-11	30	130S	100E	4300730873	13630	Federal	GW	P
BLACKHAWK A-2	29	130S	100E	4300730886	13783	Fee	GW	P
BLACKHAWK A-3	20	130S	100E	4300730914	13794	Fee	GW	P
BLACKHAWK A-4	21	130S	100E	4300730915	13795	Fee	GW	P
BLACKHAWK A-1X	20	130S	100E	4300730923	13798	Fee	GW	P
HELPER STATE 12-3	03	140S	100E	4300750070	17824	State	GW	P
HELPER STATE 32-3	03	140S	100E	4300750071	17827	State	GW	P
HELPER STATE 32-36	36	130S	100E	4300750072	17825	State	GW	P
VEA 32-32	32	130S	100E	4300750075	17826	Fee	GW	P
CLAWSON SPRING ST E-7	07	160S	090E	4301530392	12960	State	GW	P
CLAWSON SPRING ST E-8	07	160S	090E	4301530394	12964	State	GW	P
CLAWSON SPRING ST E-3	06	160S	090E	4301530403	12965	State	GW	P
CLAWSON SPRING ST E-1	06	160S	090E	4301530404	12966	State	GW	P
CLAWSON SPRING ST E-2	06	160S	090E	4301530405	12961	State	GW	P
CLAWSON SPRING ST E-4	06	160S	090E	4301530406	12962	State	GW	P
CLAWSON SPRING ST C-1	12	160S	080E	4301530410	12617	State	GW	P
CLAWSON SPRING ST B-1	01	160S	080E	4301530427	12845	State	GW	P
CLAWSON SPRING ST B-2	01	160S	080E	4301530428	12846	State	GW	P
CLAWSON SPRING ST B-3	01	160S	080E	4301530429	12848	State	GW	P
CLAWSON SPRING ST B-4	01	160S	080E	4301530430	12854	State	GW	P
CLAWSON SPRING ST B-5	12	160S	080E	4301530431	12963	State	GW	P
CLAWSON SPRING ST B-8	11	160S	080E	4301530432	12863	State	GW	P
CLAWSON SPRING ST B-9	11	160S	080E	4301530433	12864	State	GW	P
CLAWSON SPRING ST C-2	12	160S	080E	4301530434	12850	State	GW	P

Anadarko Petroleum Corporation (N0035) to Anadarko E&P Onshore, LLC (N3940)  
Effective 1-April-2013

Well Name	Sec	Twnshp	Range	API	Entity No.	Lease Type	Well Type	Well status
CLAWSON SPRING ST C-4	14	160S	080E	4301530435	13199	State	GW	P
CLAWSON SPRING ST B-7	11	160S	080E	4301530460	12967	State	GW	P
CLAWSON SPRING ST C-6	14	160S	080E	4301530461	13355	State	GW	P
CLAWSON SPRING ST C-3	12	160S	080E	4301530463	12968	State	GW	P
CLAWSON SPRING ST B-6	11	160S	080E	4301530465	12969	State	GW	P
CLAWSON SPRING ST H-1	13	160S	080E	4301530466	13323	State	GW	P
CLAWSON SPRING ST H-2	13	160S	080E	4301530467	12955	State	GW	P
CLAWSON SPRING ST IPA-1	10	160S	080E	4301530468	12956	Fee	GW	P
CLAWSON SPRING ST IPA-2	15	160S	080E	4301530469	13200	Fee	GW	P
CLAWSON SPRING ST E-5	07	160S	090E	4301530470	12971	State	GW	P
CLAWSON SPRING ST G-1	02	160S	080E	4301530471	13014	State	GW	P
CLAWSON SPRING ST F-2	03	160S	080E	4301530472	13282	State	GW	P
CLAWSON SPRING ST F-1	03	160S	080E	4301530473	13278	State	GW	P
CLAWSON SPRING ST E-6	07	160S	090E	4301530474	13052	State	GW	P
CLAWSON SPRING ST G-2	02	160S	080E	4301530475	12957	State	GW	P
CLAWSON SPRING ST M-1	02	160S	080E	4301530488	13201	State	GW	P
CLAWSON SPRING ST K-1	02	160S	080E	4301530489	13202	State	GW	P
SHIMMIN TRUST 3	14	120S	100E	4300730119	11096	Fee	GW	PA
SHIMMIN TRUST 1	11	120S	100E	4300730120	11096	Fee	GW	PA
SHIMMIN TRUST 2	14	120S	100E	4300730121	11096	Fee	GW	PA
SHIMMIN TRUST 4	11	120S	100E	4300730123	11096	Fee	GW	PA
ST 9-16	16	120S	100E	4300730132	11402	State	GW	PA
ST 2-16	16	120S	100E	4300730133	11399	State	GW	PA
MATTS SUMMIT ST A-1	14	120S	090E	4300730141	11273	State	GW	PA
SLEMAKER A-1	05	120S	120E	4300730158	11441	Fee	GW	PA
JENSEN 16-10	10	120S	100E	4300730161	11403	Fee	GW	PA
JENSEN 7-15	15	120S	100E	4300730165	11407	Fee	GW	PA
SHIMMIN TRUST 12-12	12	120S	100E	4300730168	11420	Fee	GW	PA
JENSEN 11-15	15	120S	100E	4300730175	11425	Fee	GW	PA
BRYNER A-1	11	120S	120E	4300730188	11503	Fee	GW	PA
BRYNER A-1X (RIG SKID)	11	120S	120E	4300730209	11503	Fee	GW	PA
BLACKHAWK A-1	20	130S	100E	4300730885	13798	Fee	D	PA
BLACKHAWK A-5H	20	130S	100E	4300731402	17029	Fee	D	PA
CLAWSON SPRING ST SWD 3	06	160S	090E	4301530476	12978	State	D	PA
HELPER FED C-6	21	130S	100E	4300730683	13008	Federal	GW	S
UTAH 10-415	10	160S	080E	4301530391	12632	State	GW	TA

	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
1	4300730189	HELPER FED B-1	NESW	33	13S	10E	Federal	USA UTU 71392	Producing
2	4300730190	HELPER FED A-1	C-SW	23	13S	10E	Federal	USA UTU 58434	Producing
3	4300730213	HELPER FED A-3	SESE	22	13S	10E	Federal	USA UTU 58434	Producing
4	4300730214	HELPER FED C-1	SENE	22	13S	10E	Federal	USA UTU 71391	Producing
5	4300730215	HELPER FED B-5	NENE	27	13S	10E	Federal	USA UTU 71392	Producing
6	4300730216	HELPER FED A-2	NESW	22	13S	10E	Federal	USA UTU 58434	Producing
7	4300730286	HELPER FED D-1	SWNE	26	13S	10E	Federal	USA UTU 68315	Producing
8	4300730378	HELPER FED F-3	NENE	8	14S	10E	Federal	USA UTU 65762	Producing
9	4300730379	HELPER FED F-4	NWNW	9	14S	10E	Federal	USA UTU 65762	Producing
10	4300730508	HELPER FED E-7	SESE	19	13S	10E	Federal	USA UTU 77980	Producing
11	4300730530	HELPER FED B-2	SENE	33	13S	10E	Federal	USA UTU 71392	Producing
12	4300730531	HELPER FED B-3	NESE	33	13S	10E	Federal	USA UTU 71392	Producing
13	4300730532	HELPER FED B-4	NENE	33	13S	10E	Federal	USA UTU 71392	Producing
14	4300730533	HELPER FED B-6	NENW	27	13S	10E	Federal	USA UTU 71392	Producing
15	4300730534	HELPER FED B-7	NESW	27	13S	10E	Federal	USA UTU 71392	Producing
16	4300730535	HELPER FED B-8	SESE	27	13S	10E	Federal	USA UTU 71392	Producing
17	4300730536	HELPER FED B-9	SENE	34	13S	10E	Federal	USA UTU 71392	Producing
18	4300730537	HELPER FED B-10	NWNE	34	13S	10E	Federal	USA UTU 71392	Producing
19	4300730538	HELPER FED B-11	SESW	34	13S	10E	Federal	USA UTU 71392	Producing
20	4300730539	HELPER FED B-12	NESE	34	13S	10E	Federal	USA UTU 71392	Producing
21	4300730540	HELPER FED B-13	SWSE	28	13S	10E	Federal	USA UTU 71392	Producing
22	4300730541	HELPER FED B-14	SWSW	28	13S	10E	Federal	USA UTU 71392	Producing
23	4300730542	HELPER FED D-2	SWNW	26	13S	10E	Federal	USA UTU 68315	Producing
24	4300730543	HELPER FED D-3	SESW	26	13S	10E	Federal	USA UTU 68315	Producing
25	4300730544	HELPER FED D-4	NWNW	35	13S	10E	Federal	USA UTU 68315	Producing
26	4300730545	HELPER FED D-5	SESW	35	13S	10E	Federal	USA UTU 68315	Producing
27	4300730546	HELPER FED D-6	NWSE	35	13S	10E	Federal	USA UTU 68315	Producing
28	4300730547	HELPER FED E-1	NESE	29	13S	10E	Federal	USA UTU 71675	Producing
29	4300730548	HELPER FED E-2	SESW	29	13S	10E	Federal	USA UTU 71675	Producing
30	4300730549	HELPER FED H-1	NENW	1	14S	10E	Federal	USA UTU 72352	Producing
31	4300730550	HELPER FED H-2	SESW	1	14S	10E	Federal	USA UTU 72352	Producing
32	4300730556	OLIVETO FED A-2	NESW	8	14S	10E	Federal	USA UTU 65762	Producing
33	4300730557	HELPER FED F-1	SESE	8	14S	10E	Federal	USA UTU 65762	Producing
34	4300730558	SMITH FED A-1	NWSW	9	14S	10E	Federal	USA UTU 65762	Producing
35	4300730593	HELPER FED A-6	SESE	23	13S	10E	Federal	USA UTU 58434	Producing
36	4300730594	HELPER FED D-7	C-SE	26	13S	10E	Federal	USA UTU 68315	Producing
37	4300730595	HELPER FED D-8	NENE	35	13S	10E	Federal	USA UTU 68315	Producing
38	4300730677	HELPER FED A-5	NENE	23	13S	10E	Federal	USA UTU 58434	Producing
39	4300730678	HELPER FED A-7	SENE	22	13S	10E	Federal	USA UTU 58434	Producing
40	4300730679	HELPER FED B-15	SENE	28	13S	10E	Federal	USA UTU 71392	Producing
41	4300730680	HELPER FED B-16	SWNW	28	13S	10E	Federal	USA UTU 71392	Producing
42	4300730681	HELPER FED C-2	NENW	24	13S	10E	Federal	USA UTU 71391	Producing

API Well Number		Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
43	4300730682	HELPER FED C-4	NWSW	24	13S	10E	Federal	USA UTU 71391	Producing
44	4300730683	HELPER FED C-6	SWSE	21	13S	10E	Federal	USA UTU 71391	Shut-In
45	4300730684	HELPER FED C-7	SESW	21	13S	10E	Federal	USA UTU 71391	Producing
46	4300730685	HELPER FED D-9	NWNW	25	13S	10E	Federal	USA UTU 68315	Producing
47	4300730686	HELPER FED D-10	SENE	25	13S	10E	Federal	USA UTU 68315	Producing
48	4300730687	HELPER FED D-11	SESW	25	13S	10E	Federal	USA UTU 68315	Producing
49	4300730688	HELPER FED D-12	SESE	25	13S	10E	Federal	USA UTU 68315	Producing
50	4300730689	HELPER FED E-4	NWNE	29	13S	10E	Federal	USA UTU 71675	Producing
51	4300730692	HELPER FED A-4	SWNW	23	13S	10E	Federal	USA UTU 58434	Producing
52	4300730693	HELPER FED C-5	SWNE	24	13S	10E	Federal	USA UTU 71391	Producing
53	4300730694	HELPER FED G-1	C-NW	30	13S	11E	Federal	USA UTU 71677	Producing
54	4300730695	HELPER FED G-2	SWSW	30	13S	11E	Federal	USA UTU 71677	Producing
55	4300730696	HELPER FED G-3	SENW	31	13S	11E	Federal	USA UTU 71677	Producing
56	4300730697	HELPER FED G-4	SESW	31	13S	11E	Federal	USA UTU 71677	Producing
57	4300730698	HELPER FED H-3	SWNE	1	14S	10E	Federal	USA UTU 72352	Producing
58	4300730699	HELPER FED H-4	NESE	1	14S	10E	Federal	USA UTU 72352	Producing
59	4300730702	HELPER FED C-3	SESW	24	13S	10E	Federal	USA UTU 71391	Producing
60	4300730770	HELPER FED G-5	SWNE	30	13S	11E	Federal	USA UTU 71677	Producing
61	4300730771	HELPER FED G-6	SWSE	30	13S	11E	Federal	USA UTU 71677	Producing
62	4300730772	HELPER FED G-7	NWNE	31	13S	11E	Federal	USA UTU 71677	Producing
63	4300730773	HELPER FED G-8	NESE	31	13S	11E	Federal	USA UTU 71677	Producing
64	4300730776	HELPER FED E-8	SENE	19	13S	10E	Federal	USA UTU 77980	Producing
65	4300730868	HELPER FED E-9	SESW	19	13S	10E	Federal	USA UTU 77980	Producing
66	4300730869	HELPER FED E-5	SWSW	20	13S	10E	Federal	USA UTU 71675	Producing
67	4300730870	HELPER FED E-6	SWNW	20	13S	10E	Federal	USA UTU 71675	Producing
68	4300730871	HELPER FED E-10	NENW	30	13S	10E	Federal	USA UTU 71675	Producing
69	4300730873	HELPER FED E-11	NWNE	30	13S	10E	Federal	USA UTU 71675	Producing
70	4300730119	SHIMMIN TRUST 3	SENW	14	12S	10E	Fee (Private)		Plugged and Abandoned
71	4300730120	SHIMMIN TRUST 1	SESE	11	12S	10E	Fee (Private)		Plugged and Abandoned
72	4300730121	SHIMMIN TRUST 2	SENE	14	12S	10E	Fee (Private)		Plugged and Abandoned
73	4300730123	SHIMMIN TRUST 4	SESW	11	12S	10E	Fee (Private)		Plugged and Abandoned
74	4300730158	SLEMAKER A-1	SWNE	5	12S	12E	Fee (Private)		Plugged and Abandoned
75	4300730161	JENSEN 16-10	SESE	10	12S	10E	Fee (Private)		Plugged and Abandoned
76	4300730165	JENSEN 7-15	SWNE	15	12S	10E	Fee (Private)		Plugged and Abandoned
77	4300730168	SHIMMIN TRUST 12-12	NWSW	12	12S	10E	Fee (Private)		Plugged and Abandoned
78	4300730175	JENSEN 11-15	NESW	15	12S	10E	Fee (Private)		Plugged and Abandoned
79	4300730188	BRYNER A-1	NESE	11	12S	12E	Fee (Private)		Plugged and Abandoned
80	4300730209	BRYNER A-1X (RIG SKID)	NESE	11	12S	12E	Fee (Private)		Plugged and Abandoned
81	4300730348	BIRCH A-1	NWSW	5	14S	10E	Fee (Private)		Producing
82	4300730352	CHUBBUCK A-1	NESE	31	13S	10E	Fee (Private)		Producing
83	4300730353	VEA A-1	SWNW	32	13S	10E	Fee (Private)		Producing
84	4300730354	VEA A-2	NENE	32	13S	10E	Fee (Private)		Producing



	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
85	4300730355	VEA A-3	SESW	32	13S	10E	Fee (Private)		Producing
86	4300730356	VEA A-4	NWSE	32	13S	10E	Fee (Private)		Producing
87	4300730372	BIRCH A-2	NWNW	8	14S	10E	Fee (Private)		Producing
88	4300730570	SE INVESTMENTS A-1	NESE	6	14S	10E	Fee (Private)		Producing
89	4300730586	HARMOND A-1	SENE	7	14S	10E	Fee (Private)		Producing
90	4300730604	CHUBBUCK A-2	SENW	6	14S	10E	Fee (Private)		Producing
91	4300730726	CLAWSON SPRING ST J-1	SESW	35	15S	8E	Fee (Private)		Producing
92	4300730727	PIERUCCI 1	SENW	35	15S	8E	Fee (Private)		Producing
93	4300730728	POTTER ETAL 1	SWNE	35	15S	8E	Fee (Private)		Producing
94	4300730737	POTTER ETAL 2	NESE	35	15S	8E	Fee (Private)		Producing
95	4300730774	GOODALL A-1	NWSW	6	14S	11E	Fee (Private)		Producing
96	4300730781	HAUSKNECHT A-1	SWNW	21	13S	10E	Fee (Private)		Producing
97	4300730872	SACCOMANNO A-1	NESE	30	13S	10E	Fee (Private)		Producing
98	4300730885	BLACKHAWK A-1	SESE	20	13S	10E	Fee (Private)		Plugged and Abandoned
99	4300730886	BLACKHAWK A-2	NWNW	29	13S	10E	Fee (Private)		Producing
100	4300730914	BLACKHAWK A-3	SENE	20	13S	10E	Fee (Private)		Producing
101	4300730915	BLACKHAWK A-4	NENE	21	13S	10E	Fee (Private)		Producing
102	4300730923	BLACKHAWK A-1X	SESE	20	13S	10E	Fee (Private)		Producing
103	4300731402	BLACKHAWK A-5H	NENE	20	13S	10E	Fee (Private)		Plugged and Abandoned
104	4300750075	VEA 32-32	SWNE	32	13S	10E	Fee (Private)		Producing
105	4301530468	CLAWSON SPRING ST IPA-1	SESE	10	16S	8E	Fee (Private)		Producing
106	4301530469	CLAWSON SPRING ST IPA-2	NENE	15	16S	8E	Fee (Private)		Producing
107	4300730132	ST 9-16	NESE	16	12S	10E	State	ML-44443	Plugged and Abandoned
108	4300730133	ST 2-16	NWNE	16	12S	10E	State	ML-44443	Plugged and Abandoned
109	4300730141	MATTS SUMMIT ST A-1	NWNW	14	12S	9E	State	ML-44496	Plugged and Abandoned
110	4300730349	HELPER ST A-1	SENW	3	14S	10E	State	ST UT ML 45805	Producing
111	4300730350	HELPER ST D-7	NWSW	4	14S	10E	State	ST UT ML 45804	Producing
112	4300730357	HELPER ST A-8	NWSE	2	14S	10E	State	ST UT ML 45805	Producing
113	4300730358	HELPER ST A-3	NWNW	2	14S	10E	State	ST UT ML 45805	Producing
114	4300730359	HELPER ST A-4	NWNE	2	14S	10E	State	ST UT ML 45805	Producing
115	4300730360	HELPER ST A-7	NESW	2	14S	10E	State	ST UT ML 45805	Producing
116	4300730362	HELPER ST A-2	NENE	3	14S	10E	State	ST UT ML 45805	Producing
117	4300730363	HELPER ST A-5	NESW	3	14S	10E	State	ST UT ML 45805	Producing
118	4300730364	HELPER ST A-6	NESE	3	14S	10E	State	ST UT ML 45805	Producing
119	4300730365	HELPER ST D-4	SWNW	4	14S	10E	State	ST UT ML 45804	Producing
120	4300730366	HELPER ST D-3	NENE	5	14S	10E	State	ST UT ML 45804	Producing
121	4300730367	HELPER ST D-5	NWNE	4	14S	10E	State	ST UT ML 45804	Producing
122	4300730368	HELPER ST D-8	SESE	4	14S	10E	State	ST UT ML 45804	Producing
123	4300730369	HELPER ST D-2	NENW	5	14S	10E	State	ST UT ML 45804	Producing
124	4300730370	HELPER ST D-6	SESE	5	14S	10E	State	ST UT ML 45804	Producing
125	4300730371	HELPER ST D-1	NENE	6	14S	10E	State	ST UT ML 45804	Producing
126	4300730373	HELPER ST A-9	SENW	10	14S	10E	State	ST UT ML 45805	Producing

	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
127	4300730376	HELPER ST B-1	SWNE	9	14S	10E	State	ST UT ML 47556	Producing
128	4300730433	HELPER ST A-10	NWNE	10	14S	10E	State	ST UT ML 45805	Producing
129	4300730434	HELPER ST A-11	SWNW	11	14S	10E	State	ST UT ML 45805	Producing
130	4300730435	HELPER ST A-12	NWSW	10	14S	10E	State	ST UT ML 45805	Producing
131	4300730436	HELPER ST A-13	NESE	10	14S	10E	State	ST UT ML 45805	Producing
132	4300730437	HELPER ST B-2	NESE	9	14S	10E	State	ST UT ML 47556	Producing
133	4300730571	HELPER ST A-14	SESW	11	14S	10E	State	ST UT ML 45805	Producing
134	4300730572	HELPER ST A-15	SENE	11	14S	10E	State	ST UT ML 45805	Producing
135	4300730573	HELPER ST E-1	SESW	36	13S	10E	State	ST UT ML 45802	Producing
136	4300730574	HELPER ST E-2	SWNW	36	13S	10E	State	ST UT ML 45802	Producing
137	4300730592	HELPER ST E-3	NENE	36	13S	10E	State	ST UT ML 45802	Producing
138	4300730597	CLAWSON SPRING ST A-1	SWSE	36	15S	8E	State	ST UT ML 46106	Producing
139	4300730598	HELPER ST E-4	SWSE	36	13S	10E	State	ST UT ML 45802	Producing
140	4300730603	HELPER ST A-16	SWSE	11	14S	10E	State	ST UT ML 45805	Producing
141	4300730635	CLAWSON SPRING ST A-2	NWNW	36	15S	8E	State	ST UT ML 46106	Producing
142	4300730636	CLAWSON SPRING ST A-3	NESW	36	15S	8E	State	ST UT ML 46106	Producing
143	4300730637	CLAWSON SPRING ST A-4	NWNE	36	15S	8E	State	ST UT ML 46106	Producing
144	4300730642	CLAWSON SPRING ST D-5	NENW	31	15S	9E	State	ML-48226	Producing
145	4300730643	CLAWSON SPRING ST D-6	SWSW	31	15S	9E	State	ML-48226	Producing
146	4300730644	CLAWSON SPRING ST D-7	NWNE	31	15S	9E	State	ML-48226	Producing
147	4300730701	CLAWSON SPRING ST D-8	NWSE	31	15S	9E	State	ML-48226	Producing
148	4300750070	HELPER STATE 12-3	SWNW	3	14S	10E	State	ST UT ML 45805	Producing
149	4300750071	HELPER STATE 32-3	SWNE	3	14S	10E	State	ST UT ML 45805	Producing
150	4300750072	HELPER STATE 32-36	SWNE	36	13S	10E	State	ST UT ML 45802	Producing
151	4301530391	UTAH 10-415	NENE	10	16S	8E	State	ST UT ML 48189	Temporarily-Abandoned
152	4301530392	CLAWSON SPRING ST E-7	SENE	7	16S	9E	State	ST UT ML 48220-A	Producing
153	4301530394	CLAWSON SPRING ST E-8	SWSE	7	16S	9E	State	ST UT ML 48220-A	Producing
154	4301530403	CLAWSON SPRING ST E-3	SENE	6	16S	9E	State	ST UT ML 48220-A	Producing
155	4301530404	CLAWSON SPRING ST E-1	SENE	6	16S	9E	State	ST UT ML 48220-A	Producing
156	4301530405	CLAWSON SPRING ST E-2	NESW	6	16S	9E	State	ST UT ML 48220-A	Producing
157	4301530406	CLAWSON SPRING ST E-4	NWSE	6	16S	9E	State	ST UT ML 48220-A	Producing
158	4301530410	CLAWSON SPRING ST C-1	SWNW	12	16S	8E	State	ST UT UO 48209	Producing
159	4301530427	CLAWSON SPRING ST B-1	NENW	1	16S	8E	State	ST UT ML 48216	Producing
160	4301530428	CLAWSON SPRING ST B-2	NWSW	1	16S	8E	State	ST UT ML 48216	Producing
161	4301530429	CLAWSON SPRING ST B-3	NWNE	1	16S	8E	State	ST UT ML 48216	Producing
162	4301530430	CLAWSON SPRING ST B-4	SESE	1	16S	8E	State	ST UT ML 48216	Producing
163	4301530431	CLAWSON SPRING ST B-5	SWSW	12	16S	8E	State	ST UT ML 48216	Producing
164	4301530432	CLAWSON SPRING ST B-8	SENE	11	16S	8E	State	ST UT ML 48216	Producing
165	4301530433	CLAWSON SPRING ST B-9	NWSE	11	16S	8E	State	ST UT ML 48216	Producing
166	4301530434	CLAWSON SPRING ST C-2	SENE	12	16S	8E	State	ST UT UO 48209	Producing
167	4301530435	CLAWSON SPRING ST C-4	SWNW	14	16S	8E	State	ST UT UO 48209	Producing
168	4301530460	CLAWSON SPRING ST B-7	NWSW	11	16S	8E	State	ST UT ML 48216	Producing

	API Well Number	Well Name	Qtr/Qtr	Section	Township	Range	Mineral Lease Type	Mineral Lease Number	Well Status
169	4301530461	CLAWSON SPRING ST C-6	SENE	14	16S	8E	State	ST UT UO 48209	Producing
170	4301530463	CLAWSON SPRING ST C-3	C-SE	12	16S	8E	State	ST UT UO 48209	Producing
171	4301530465	CLAWSON SPRING ST B-6	NENW	11	16S	8E	State	ST UT ML 48216	Producing
172	4301530466	CLAWSON SPRING ST H-1	NENW	13	16S	8E	State	ST UT ML 48217-A	Producing
173	4301530467	CLAWSON SPRING ST H-2	NENE	13	16S	8E	State	ST UT ML 48217-A	Producing
174	4301530470	CLAWSON SPRING ST E-5	NENW	7	16S	9E	State	ST UT ML 48220-A	Producing
175	4301530471	CLAWSON SPRING ST G-1	NWNW	2	16S	8E	State	ST UT ML 46314	Producing
176	4301530472	CLAWSON SPRING ST F-2	NESE	3	16S	8E	State	ST UT ML 48515	Producing
177	4301530473	CLAWSON SPRING ST F-1	SENE	3	16S	8E	State	ST UT ML 48514	Producing
178	4301530474	CLAWSON SPRING ST E-6	SESW	7	16S	9E	State	ST UT ML 48220-A	Producing
179	4301530475	CLAWSON SPRING ST G-2	NESW	2	16S	8E	State	ST UT ML 46314	Producing
180	4301530488	CLAWSON SPRING ST M-1	NWNE	2	16S	8E	State	ST UT ML 47561	Producing
181	4301530489	CLAWSON SPRING ST K-1	SESE	2	16S	8E	State	ST UT ML 46043	Producing